



Monitors

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Our hand nozzles, monitors, foam equipments, and dividers, can be equipped with any type of existing coupling manufactured by POK using the best materials.



	Snake, DN50 fixed monitor	Mamba	Froggy, DN40 portable monitor	Poket, portable monitor DN65 - with shutoff	Poket, portable monitor DN65 - without shutoff	Froggy tactical, DN65 portable monitor	Katz, ladder mounted DN80 monitor	Katz, DN80 portable monitor - automatic sweeping	Antenor 3000, DN80 portable monitor	Azimutor 3000, DN80 portable monitor	Primator 3000, DN80 fixed monitor	Matador, mono-azimuth water-foam brancpipe	Montmirail, DN80 portable monitor - automatic sweeping	Montmirail on flange - DN80 fixed monitor Automatic sweeping	Rück wind, DN80 portable monitor - with handwheels	DN80 fixed monitor, with shutoff	LMP80, DN80 portable monitor
Flow rate (lpm)	500	750	750	1600	1600	2000	3000	3000	3000	3000	3000	2000 4000	4000	4000	4000	5000	5000
Outlet diameter	1.5"	1.5"	1.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5" 4"	2.5"	2.5"	2.5"	2.5"	2.5"
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Working pressure (PSI)																	
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)	50	40	40	65	65	80	80	80	80	80	80	65	80	80	80	80	80
Horizontal movement	360°		from -26° to +26°	360°	360°	from -26° to +26°	360°	from -25° to +25°	from -90° to +90°	360°	360°		from -20° to +20°	360°	360°	360°	from -153° to +101°
Vertical movement	from -75° to +75°	from +30° to +70°	from +24° to +76°	from +30° to +80°	from +30° to +80°	from +26° to +84°	from -90° to +85°	from +30° to +85°	from +30° to +85°	from -15° to +80°	from -70° to +85°	from +24° to +61°	from +25° to +85°	from +35° to +85°	from +25° to +85°	from -90° to +90°	from 0° to +85°
Material	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu
Hard anodisation																	
Polyester coating	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Opening valve			•	•					•				(•)	•		•	
Automatic sweeping								•					(•)	•			
Flush function															•		•
Portable		•	•	•	•	•		•	•	•	(•)	•	•				•
Fixed	•				(•)		•			(•)	•			•	•	•	(•)
Handwheel(s)							•	•	•	•		•		•		•	•
Handle	•			•	•				•	•	•						•
Pressure gauge		•		•	•		•	•									•
Options	O - C	O - C	O - C ST	O - C ST	O - C ST - S	O - C ST	E	O - C ST	O - C	O - C	O - C	O - C	O - C ST	O - C	O - C ST	O - C	O - C ST - S
Page	page 106	page 107	page 108	page 112	page 113-page 115	page 110	page 120	page 121	page 122-page 123	page 124-page 125	page 126-page 127	page 137	page 116-page 117	page 130	page 118	page 119	page 128-page 129

Options: O - Outlet equipment, C - Couplings, ST - Storage bracket, S - Sweeping device
(•): Depending on reference

Quick glance at manual monitors



	Minotor 5000, DN100 portable monitor	DN100 portable monitor	4" fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed monitor	DN65 fixed monitor, with handwheels, bronze	DN65 fixed monitor, without handwheel, bronze	DN80 fixed monitor, with handwheels, bronze	DN80 fixed monitor, with shutoff, bronze	Snake, DN40 fixed monitor	DN65 portable monitor	DN65 fixed monitor	Mercator, DN80 fixed monitor	DN100 fixed monitor	Gearator, DN150 fixed monitor	Accessories
Flow rate (lpm)	5000	7500	7500	15000	30000	2000	2000	4000	4000	1000	3000	3000	3000	7500	15000	
Outlet diameter	4"	3.5"	3.5"	6"	8"	2.5"	2.5"	3"	3"	1.5"	2.5"	2.5"	2.5"	3.5"	6"	
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Working pressure (PSI)																
Maximum working pressure	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
Waterway diameter (mm)	100	100	100	150	200	65	65	80	80	40	65	65	80	100	150	
Horizontal movement	360°	360°	360°	330°	from -170° to +170°	360°	360°	360°	360°	360°	360°	360°	360°	from -170° to +170°	360°	
Vertical movement	from +30° to +75°	from +30° to +85°	from -90° to +90°	from -90° to +90°	from -10° to +60°	from -50° to +90°	from -50° to +90°	from -60° to +85°	from -60° to +85°	from -60° to +65°	from +30° to +85°	from -60° to +80°	from -60° to +80°	from -90° to +90°	from -80° to +80°	
Material	Alu	Alu	Alu	Alu	Alu	Bronze	Bronze	Bronze	Bronze	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Hard anodisation																
Polyester coating	•	•	•	•	•				•							
Opening valve									•							
Automatic sweeping																
Flush function		•							•							
Portable	•	•									•					
Fixed	(•)	(•)	•	•	•	•	•	•	•	•		•	•	•	•	
Handwheel(s)	•	•	•	•	•	•	•	•		(•)	•	•	•	•	•	
Handle	•							•	(•)	•	(•)	•	•	•		
Pressure gauge		•	•	•	•										•	
Options	O - C	O - C ST	O - C	O - C	O - C	O - C	O - C	O - C	E	O - C	O - C	O - C	O - C	O - C	O - C	
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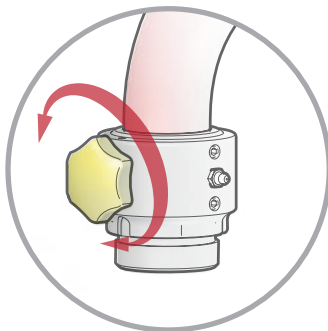
Options: O - Outlet equipment, C - Couplings, ST - Storage bracket, S - Sweeping device
(•): Depending on reference

Snake - DN50 aluminium alloy fixed monitor

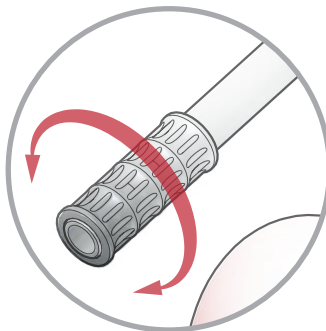


Recommended outlet equipment
Ø 1.5"
Flow rate 1000 lpm

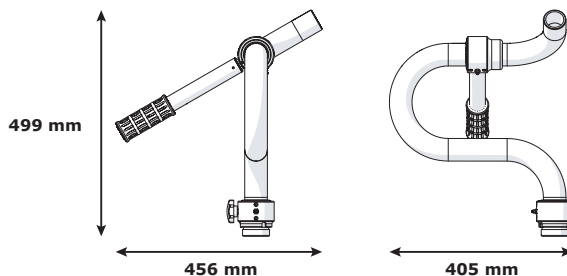
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -75° to +75°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by handle, horizontal adjustment lockable by knob
Options: outlet equipments, couplings or flanges



Horizontal adjustment lockable by knob, oiler



Vertical adjustment lockable by handle



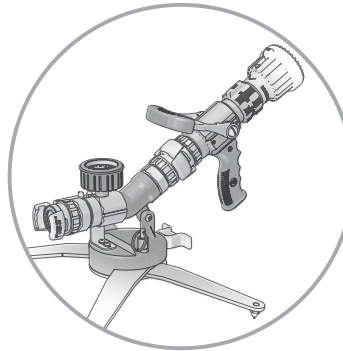
The monitor "Snake" DN50 has a simple and robust design. Made of aluminium alloy with red polyester coating.

Its control handle allows a horizontal movement of 360°, and vertical movement from -75° to +75°, as well as locking the vertical position.

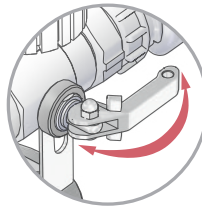
A locking knob for horizontal movement ensures the safety of the user.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	1.5" male NST-NH	50	456 x 405 x 499	3.8	10956
Flange DN50 PN16	1.5" male NST-NH	50	456 x 405 x 522	4.8	10956.PN16

Mamba



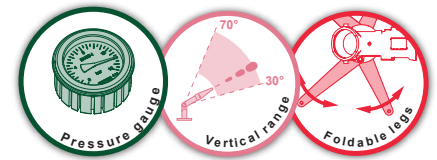
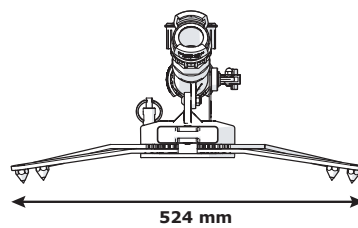
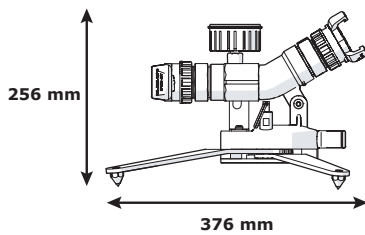
Paired with hand nozzle "MAGIKADOR" 500



Locking device for the vertical position

Maximum working pressure: PN16
Material: aluminium alloy
Vertical movement: from +30° to 70°
Safety: leg locking, anchoring strap.
Foldable legs: yes

Options: hand nozzle, couplings, outlet equipments.



The "Mamba" is a base used to receive an adjustable flow rate hand nozzle from 150 to 750 lpm to operate as a portable monitor.

It is equipped with stabilising, foldable legs, and an anchorage ring to fix a strap.

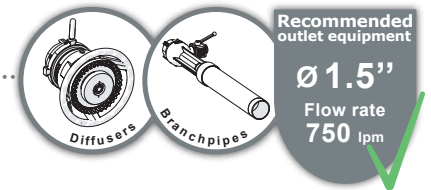
The orientation of the nozzle is adjustable and lockable in vertical position from +30° to +70°. The pressure is controlled by a pressure gauge.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" female BSP	40	407 x 201 x 238	3.9	37293
SG DN40	SG DN40	40	467 x 201 x 256	4.1	32582

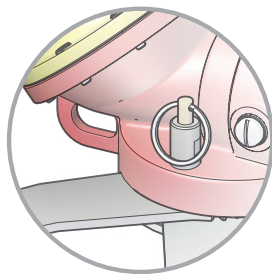
Jupiter Robot



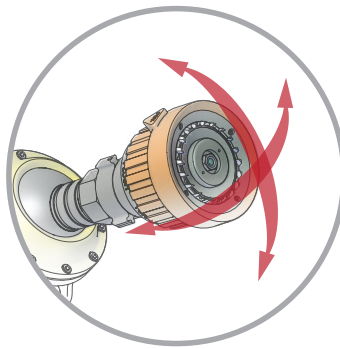
Froggy - portable 1,5" monitor



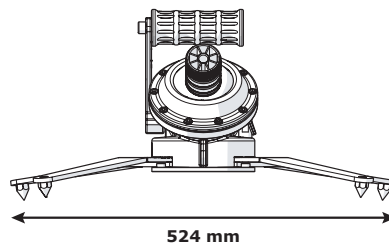
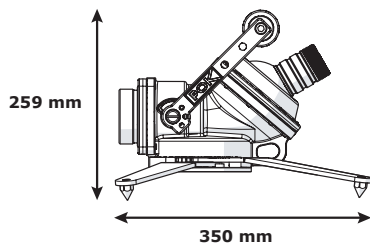
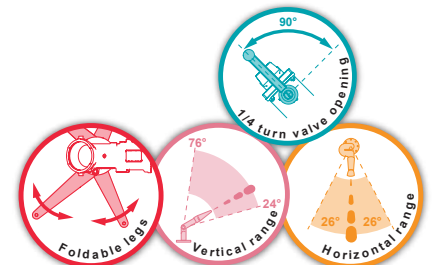
Maximum working pressure: PN16
Material: aluminium alloy
Shutoff: with ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by valve
Vertical movement: from +24° to +76°
Vertical adjustment: by ball joint
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes
Options: outlet equipments, couplings, storage bracket



Stabilising legs locking pin, anchorage ring



Head mounted on multi directional sphere, easy to operate



Our "Froggy" monitor is the smallest monitor available on the market with a 750 lpm flow rate at 7 bar at the monitor's outlet. Its design is simple, compact and sturdy. The carrying handle is also used as a shutoff valve. The vertical position can be set from +24° to 76°, and the horizontal one between -26° to +26°. It is equipped with four foldable stabilising legs and an anchorage ring to fix a strap. It can be equipped with different outlet equipments or couplings.

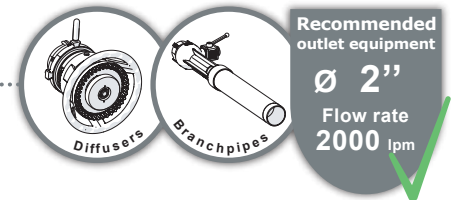
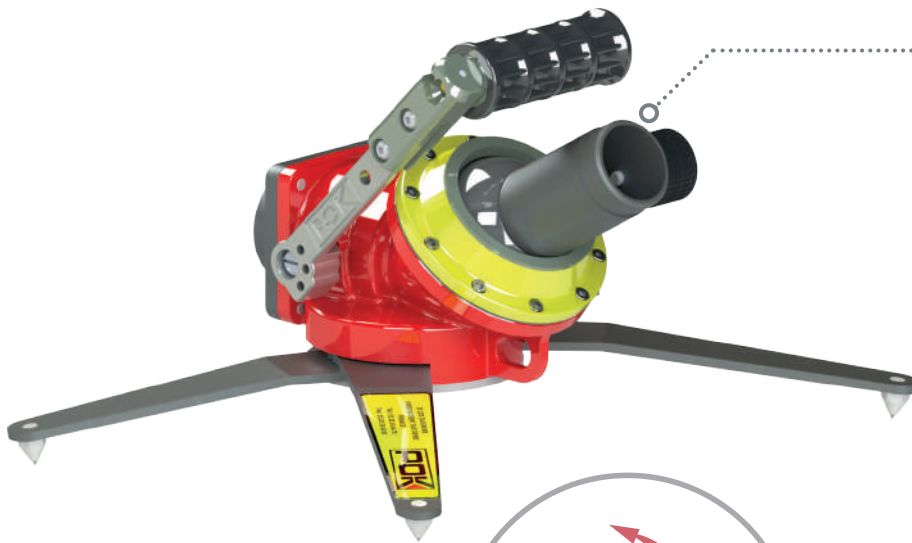
Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5" male BSP	1.5" male BSP	40	476 x 195 x 259	6	18065

Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.3	20803M

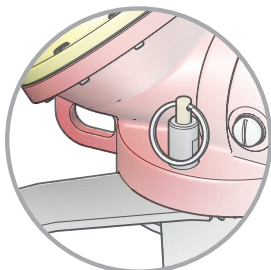
Froggy - portable 2" monitor



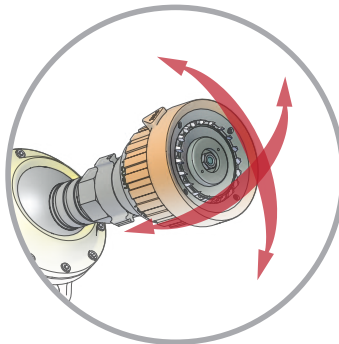
Recommended outlet equipment
 Ø 2"
 Flow rate 2000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Shutoff: with ball valve
Opening: by lever
Horizontal movement: from -20 to +20°
Horizontal adjustment: by valve
Débattement site : de +30° à +70°
Vertical adjustment: by ball joint
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

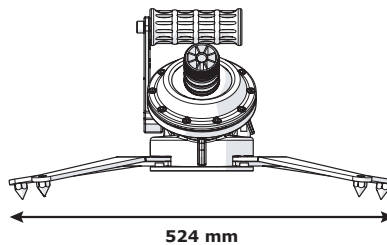
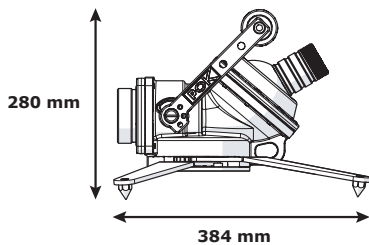
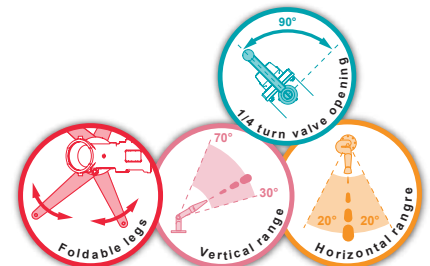
Options: outlet equipments, couplings, storage bracket



Stabilising legs locking pin, anchorage ring



Head assembled on multi directional sphere, easy to operate



This other version of the Froggy monitor also offers a very compact format, but also possesses a superior flowrate, as high as 2000 lpm at 7 bar as monitor output. Its design is simple, compact and sturdy. The carrying handle is also used as a shutoff valve. The vertical position can be set from +30° to 70°, and the one range between -20° to +20°. It is equipped with four foldable stabilising legs and an anchorage ring to fix a strap. It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5" male BSP	2" male BSP	50	476 x 195 x 280mm	7	47209

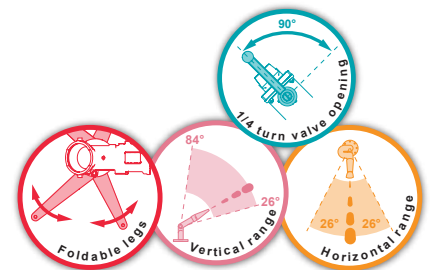
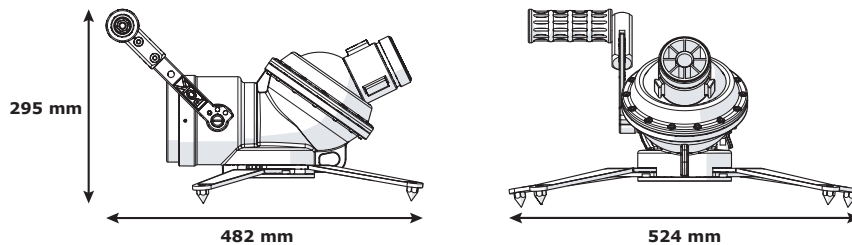
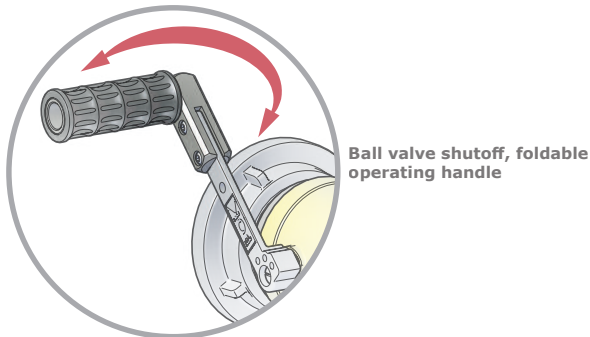
Froggy tactical - portable monitor



Recommended outlet equipment
Ø 2.5"
Flow rate 2000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by valve
Vertical movement: from +26° to +84°
Vertical adjustment: by ball joint
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

Options: outlet equipments, couplings, storage bracket



Our "Froggy tactical" monitor is a compact monitor with a flow rate up to 2000 lpm at 7 bar at the monitors outlet.
 Its design is simple, compact and sturdy.
 The carrying handle is also used as a shutoff valve.
 The vertical position can be set from +26° to 84°, and the horizontal range between -26° to +26°.
 It is equipped with four foldable stabilising legs and an anchorage ring to fix a strap.
 It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	2.5" male BSP	65	554 x 211 x 306	11	29601.BSP

Storage bracket for portable monitor



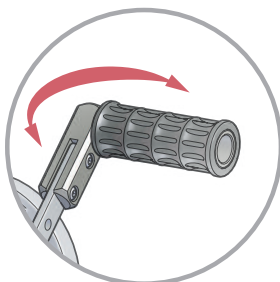
Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	20803M



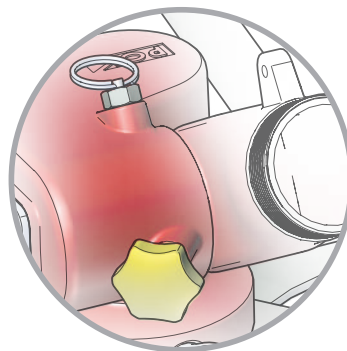
Poket - portable DN65 monitor , with shutoff



Recommended outlet equipment
Ø 2.5"
 Flow rate
1600 lpm



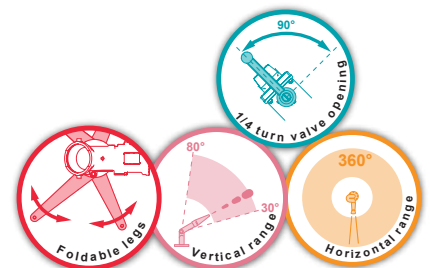
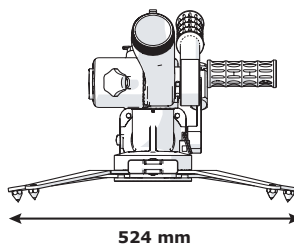
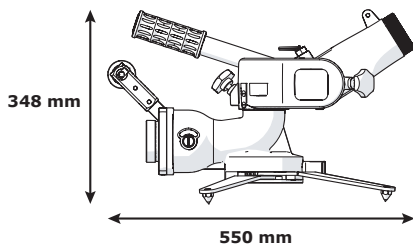
Ball valve shutoff, foldable operating handle



Safety pin and vertical position locking knob

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment lockable at +30° by pin, vertical and horizontal position locking knobs, locking pin for stabilising legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

Options: outlet equipments, couplings, storage bracket



Our portable monitor "Poket Monitor" is made of anodised aluminium alloy with red polyester coating. The ball valve shutoff allows the user to open or close the monitors water flow during operation.

Flow rate can go up to 1600 lpm at 7 bar at the monitor's outlet.

The 360° horizontal movement and 80° vertical movement is adjustable through means of an operating handle, and locking done by knob.

An innate security system limits to 30° the elevation range of the diffuser (unlocked by manual action).

Our "Poket Monitor" monitor is equipped with four foldable legs with locking device, a multi-use ring allowing transport, a latch for a strap, as well as storing.

The pressure is monitored by a pressure gauge.

It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5" male BSP	2.5" male BSP	65	558 x 205 x 284	11	31485

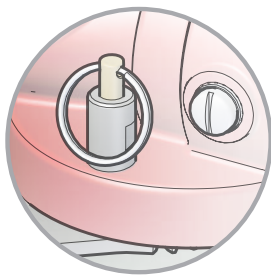
Poket - DN65 portable monitor, without shutoff



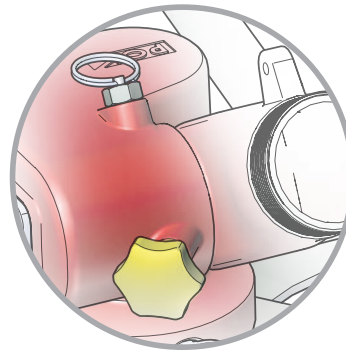
Recommended outlet equipment
Ø 2.5"
 Flow rate
1600 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment at +30° by locking pins, vertical and horizontal position locking knobs, locking pin for stabilising legs, anchoring strap
Carrying handle: yes
Foldable legs: yes

Options: outlet equipments, couplings, storage bracket, oscillator, flange, ladder attachment

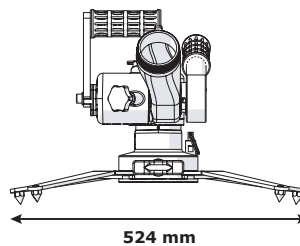
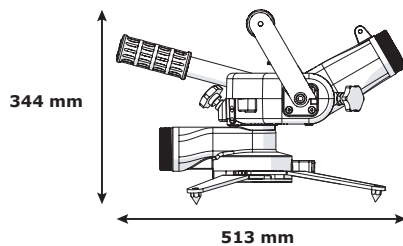


Locking pin for stabilizing legs



Safety pin and vertical position locking knob

Suitable for trailers



Our portable monitor "Poket Monitor" is made of anodised aluminium alloy, with red polyester coating.

Flow rate can go up to 1600 lpm at 7 bar at the monitor's outlet.

The 360° horizontal movement and 80° vertical movement is adjustable through means of an operating handle, and locking done by knob.

An innate security system limits to 30° the elevation range of the diffuser (unlocked by manual action).

Our "Poket Monitor" monitor is equipped with four foldable legs with locking device, a multi-use ring allowing transport, a latch for a strap, as well as storing.

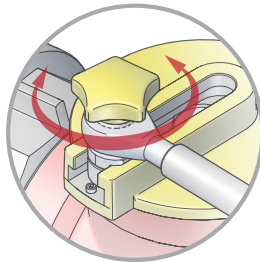
The pressure is monitored by a pressure gauge.

It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5" male BSP	2.5" male BSP	65	558 x 237 x 280	9.3	12697



Hydraulic oscillator for Poket monitor



Easy adjustment of the sweeping range by knob

The Poket monitor can be equipped with a hydraulic oscillator made by POK. It becomes then an automatic sweeping monitor. The horizontal sweeping movement is adjustable from 0 to 60°. The total weight (oscillator, monitor, and diffuser) does not exceed 15 Kg.

Designation	Weight (kg)	Ref.
Sweeping device only	3.7	14025

Flange mounted Poket



The Poket monitor can be mounted on a standard flange. This way the monitor may be assembled on a fixed installation or a vehicle. The vertical angular clearance for fixed monitor goes from -50° to +80°.

Designation	Weight (kg)	Ref.
Monitor POKET on flange DN65 PN16	7	18818

Poket - upper section with quick coupling system



The Poket monitor can be assembled with a quick coupling system. The upper section can then easily be mounted on a base with a quick coupling system or on a flange for a fixed installation.

Designation	Weight (kg)	Ref.
Upper POKET section with quick coupling system	6.6	34435

Poket - lower section with quick coupling system



The lower section can be equipped with a quick coupling system to receive the Poket monitor.

Designation	Weight (kg)	Ref.
Lower section only	4.1	34434

Flange with quick coupling system



Designation	Weight (kg)	Ref.
Quick coupling system on flange DN65 PN16	2.2	34439

Poket with 500 mm height extender and quick coupling system



This configuration allows an easy use of the Poket monitor on vehicle. It offers easy assembly and dismantling.

Designation	Weight (kg)	Ref.
Poket with 500 mm height extender and quick coupling system	7.9	43303

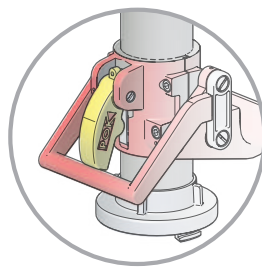
Poket monitor for ladder or nacelle mounting



The Poket monitor has a fixing device for ladder and nacelle, quick interlocking system, light and safe. It has already been adopted by a lot of vehicle manufacturers, it can be equipped with numerous outlet equipments with a maximum flow rate of 2000 lpm.

Designation	Weight (kg)	Ref.
Poket monitor for ladder or nacelle, inlet 2.5" female BSP	5.8	39657

Ladder mounted Poket monitor



Fast and easy locking and setting

The Poket monitor has been specifically designed to fit on a flange or on a tube support for ladder or platform. The spacing of the hooks is adjustable, which allows mounting on all standard ladders. The total weight (tube, monitor, and diffuser) does not exceed 13 kg.

Designation	Weight (kg)	Ref.
Ladder mounted Poket monitor, Inlet 2.5" male BSP	10	12900

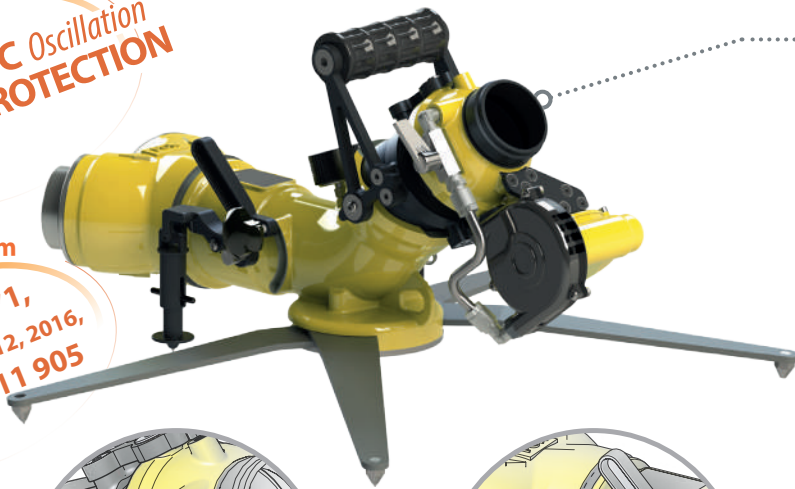
Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	20803M

Montmirail, DN80 portable monitor with automatic sweeping and safety device

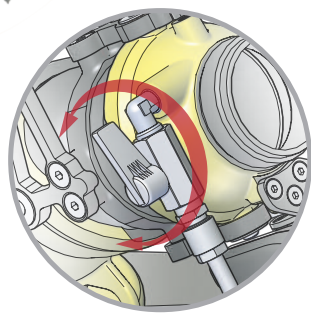
Modular Design
AUTOMATIC Oscillation
 anti-slipping
 anti-lift off
Patented system
 n° 13 60071,
 dated February 12, 2016,
 ref. FR 3 011 905



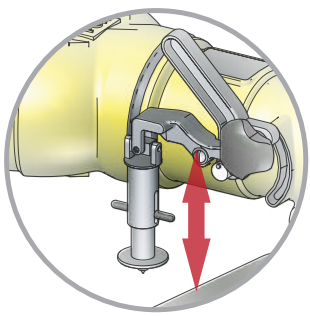
Recommended outlet equipment
 Ø 2.5" Flow rate 2000 lpm
 Ø 4" Flow rate 4000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Automatic horizontal sweeping: from -20° to +20°, adjustable speed and angle
Vertical clearance: +25° to +85° except for references with a * (+35° to +85°)
Vertical adjustment: by handle
Safety: anti-sliding, anti-flipping, anti-lifting, leg locking system, anchoring strap, shutoff.
Pressure gauge: yes
Carrying handle: yes
Foldable legs: yes

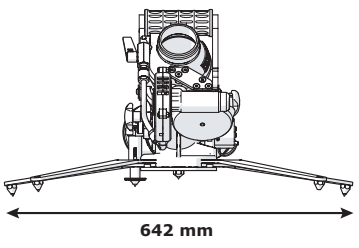
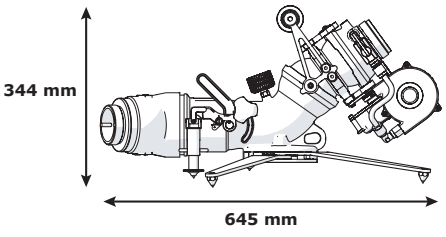
Options: inlet couplings, outlet equipments, siamese connection inlet.



Oscillator start/stop shutoff and sweeping speed setting



Safety device, and shutoff with locking knob



The Montmirail monitor changed the monitor world. Never before has such a powerful monitor been so light (less than 10 kg). In this configuration, the monitor is equipped with an automatic sweeping device (can be disabled) as well as a safety device allowing users to work safely. The sweeping angle can be adjusted during use of the monitor. It is without a doubt one of POK's "best-sellers".



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	80	580 x 215 x 344	8.5	43113
Swivelling 4" male BSP	2.5" male NST-NH	80	675 x 215 x 348	8.7	43115
Swivelling AR DN100	2.5" male NST-NH	80	675 x 215 x 348	9.1	43117
2x 2.5" male BSP	2.5" male NST-NH	80	675 x 215 x 348	9.9	43119
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	80	689 x 245 x 348	11.7	44621
2X swivelling FF M70x150	2.5" male NST-NH	80	580 x 224 x 344	11.4	44625
2x Swivelling DSP65	2.5" male NST-NH	80	740 x 293 x 348	12.1	47152 *

Monmirail support bracket



Designation	Dimensions (mm)	Weight (kg)	Réf.
Storage bracket	490 x 250 x 50	3,6	45683



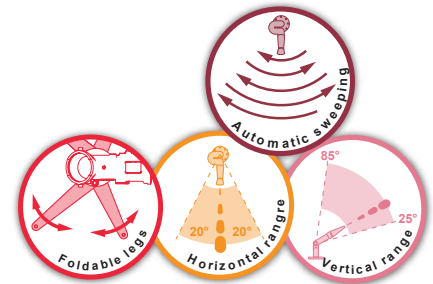
* Vertical setting from +35° à +85°.

Montmirail, with automatic sweeping device, without safety device

Modular design
AUTOMATIC Oscillation
 anti-slipping
 anti-lift off
PROTECTION



In this configuration, the Montmirail "Light" monitor still offers the same hydraulic performances with decreased weight. Its reduced weight makes it very handy and much appreciated by fire brigades.



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	80	675 x 215 x 348	7.7	43112
Swivelling 4" male BSP	2.5" male NST-NH	80	675 x 215 x 348	7.9	43114
Swivelling AR DN100	2.5" male NST-NH	80	675 x 215 x 348	8.3	43116
2x 2.5" male BSP	2.5" male NST-NH	80	675 x 215 x 348	9	43118
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	80	688 x 245 x 348	10.7	44620
2X swivelling M70x150 female	2.5" male NST-NH	80	580 x 224 x 344	10.4	44624
2x Swivelling DSP DN65	2.5" male NST-NH	80	740 x 293 x 348	11.1	47151 *

Montmirail, without automatic sweeping device, with safety device

Modular design
 anti-slipping
 anti-lift off
PROTECTION



The Montmirail designers, in this version, focused on its sturdiness, range, as well as the safety of its operators. Two key words : Performance, safety, these two make this monitor unrivalled.



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	80	580 x 212 x 344	7.2	41425
Swivelling 4" male BSP	2.5" male NST-NH	80	580 x 212 x 344	7.4	41427
Swivelling AR DN100	2.5" male NST-NH	80	580 x 212 x 344	7.8	41429
2x 2.5" male BSP	2.5" male NST-NH	80	580 x 212 x 344	8.6	41431
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	80	580 x 212 x 344	10.2	44619
2X swivelling M70x150 female	2.5" male NST-NH	80	580 x 224 x 344	9.9	44623
2x Swivelling DSP DN65	2.5" male NST-NH	80	638 x 293 x 359	10.6	47154 *

Montmirail, without automatic sweeping device, without safety device



This version of the Montmirail offers lightweight, efficiency, and allows to cover a large fire area thanks to its adjustable and lockable stream.



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	80	573 x 219 x 358	6.4	41424
Swivelling 4" male BSP	2.5" male NST-NH	80	573 x 219 x 358	6.6	41426
Swivelling AR DN100	2.5" male NST-NH	80	573 x 219 x 358	7	41428
2x 2.5" male BSP	2.5" male NST-NH	80	573 x 219 x 358	7.8	41430
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	80	585 x 245 x 358	9.2	44618
2X swivelling M70x150	2.5" male NST-NH	80	580 x 224 x 344	8.4	44622
2x Swivelling DSP DN65	2.5" male NST-NH	80	638 x 293 x 359	9.6	47153 *

* Vertical setting from +35° à +85°.

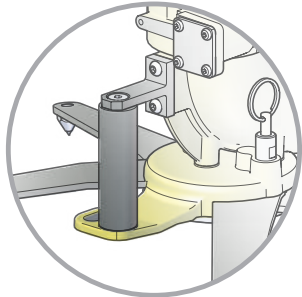
Rück wind, DN80 portable monitor with handwheels

Patented system
n° 13 60071,
dated February 12, 2016,
ref. FR 3 011 905

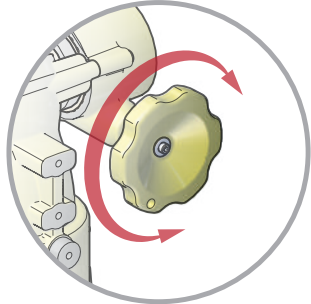


Recommended outlet equipment
Ø 2.5"
Flow rate 4000 lpm

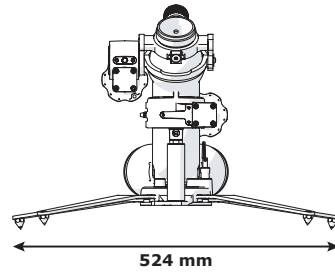
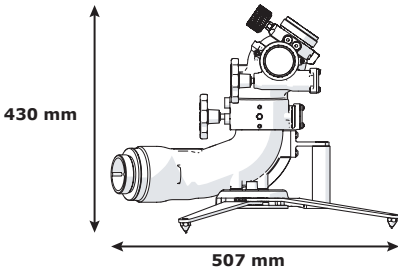
Maximum working pressure: PN16
Material: aluminium alloy
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Safety: legs locking system, anchoring strap, horizontal and vertical locking device
Carrying handle: yes
Foldable legs: yes
Options: couplings, outlet equipments.



Carrying handle and locking pin for foldable legs



Handwheels for vertical and horizontal adjustment



The "Rück Wind" portable monitor is very light: less than 12Kg including the diffuser and siamese connection inlet, which makes it the lightest product on the market. This monitor offers all the options of a last generation portable monitor: PN16 design, vertical movement from +30° to +85°. It is equipped with four stabilising foldable legs. It can be equipped with different outlet, or inlet, equipments or couplings.

Inlets	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x 2.5" male BSP	2.5" male NST-NH	80	518 x 250 x 442	9.6	37309
2x Swivelling 2.5" female BSP	2.5" male NST-NH	80	518 x 263 x 442	10.4	44382
2x Swivelling M70x150 female	2.5" male NST-NH	80	518 x 258 x 442	10.3	44383
2x Swivelling female 2.5" NST-NH	2.5" male NST-NH	80	518 x 267 x 442	10.7	44384
2x Swivelling male 2.5" BSP	2.5" male NST-NH	80	518 x 263 x 442	10.7	44385

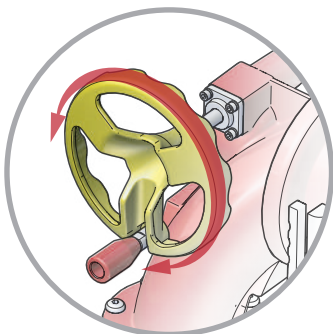
Alekto, DN80 fixed monitor , with shutoff



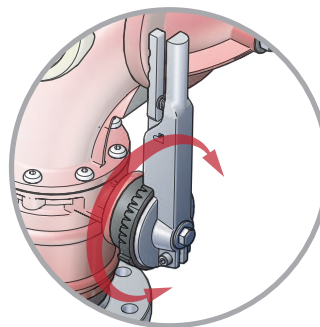
Recommended outlet equipment
Ø 3.5''
 Flow rate
5000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: butterfly valve
Opening: by lever
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel

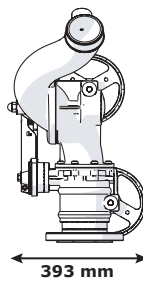
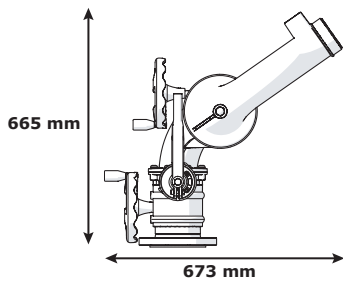
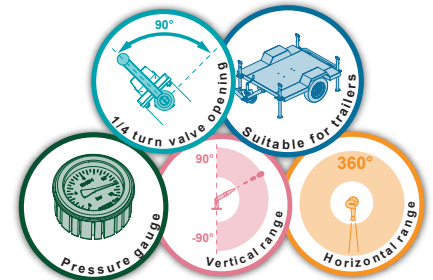
Options: outlet equipments



Handwheels for vertical and horizontal positions with foldable handles



Butterfly valve opening, indexed operating handle



The DN80 fixed monitor with shutoff allows the operator to control all the features of the monitor from one single point. The operator can, open and shut the flow of the monitor, set the vertical and horizontal positions, and select the stream pattern. To optimize the spray quality, a rectifier is integrated in the elbow outlet.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	3.5" male NST-NH	90	673 x 393 x 665	20	41503

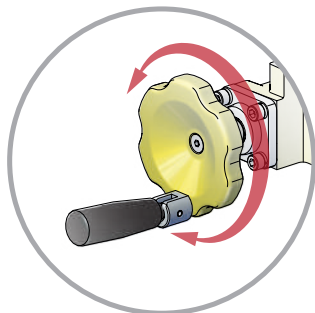
Katz, DN80 monitor for ladder mounting



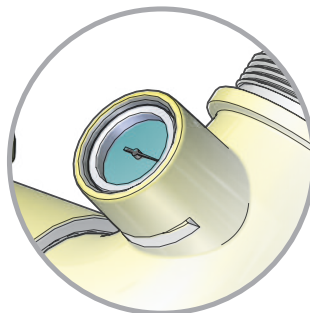
Recommended outlet equipment
Ø 2.5"
Flow rate 3000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +85°
Vertical adjustment: by handwheel

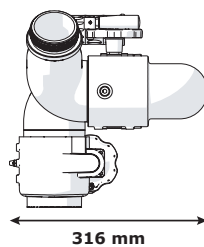
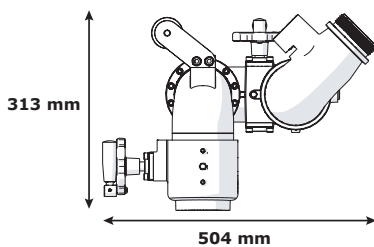
Options: outlet equipments, inlet couplings, base, ladder mount.



Operating handwheels for vertical and horizontal adjustment with foldable handle



Pressure gauge on the outlet tube

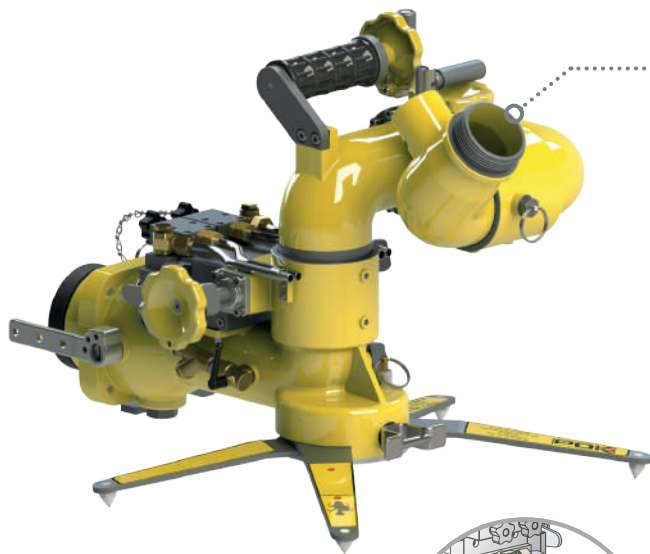


The Katz monitor for ladder mounting offers a flow rate up to 3000 lpm. It has also a large horizontal movement range, as well as vertical. Its use is particularly user-friendly thanks to its handwheels with foldable handles.

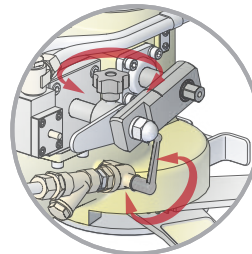


Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	2.5" male NST-NH	80	504 x 316 x 313	8.2	39429

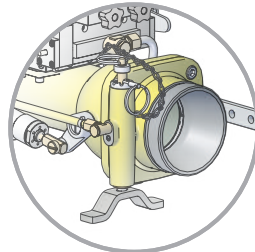
Katz - DN80 portable monitor, with automatic sweeping



Recommended outlet equipment
Ø 2.5"
Flow rate 3000 lpm



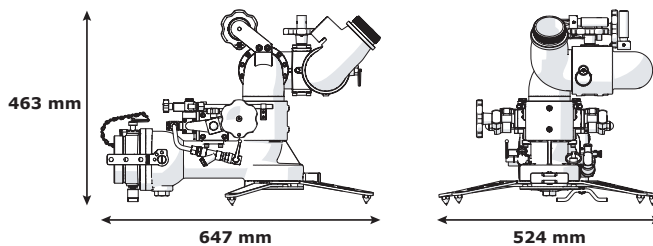
Sweeping device with adjustable angle, speed, and shutoff



Water supply shutoff with anti-slipping and anti-lifting system

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Automatic sweeping: from -25° to +25°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: locking pin to lock at +30° in vertical position, anti-knocking, anti-lifting, legs locking system, anchoring strap, shutoff.
Carrying handle: yes
Foldable legs: yes

Options: inlet couplings, outlet equipments, siamese connection inlet, storage bracket.



Our portable monitor "Katz" DN80 is made of anodised aluminium alloy with yellow polyester coating. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet. Horizontal movement range if of 360° and vertical from -15° to +85°, both adjustable by handwheel and wormwheel.

An automatic security system limits to 30° the elevation range of the diffuser (can be unlocked through manual action).

The sweeping angle can be adjusted during use of the monitor.

It is equipped with automatic sweeping device: 3 sweeping angles are available from -15° to +15° (ie, a 30° sweeping), from -15° to + 25° or -25° to +15° (ie a 40° sweeping), from -25° and +25° (ie a 50° sweeping). The device can be disengaged through voluntary action.

The inlet valve of the Katz monitor is connected to anti-tipping and anti-lifting systems, ensuring the safety of the operator by instantly reducing the flow rate of the monitor.

It is equipped with four foldable stabilising legs.

It can be equipped with different outlet equipments or inlet couplings.



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	2.5" male NST-NH	80	506 x 397 x 463	21	31989

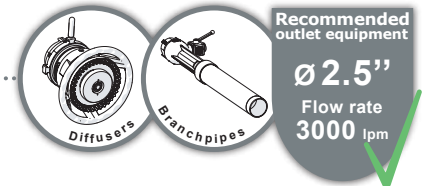
Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	20803M

Antenor 3000 - DN80 portable monitor

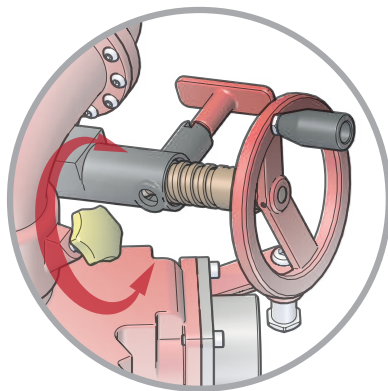
More than 4000 units have been sold since 1985



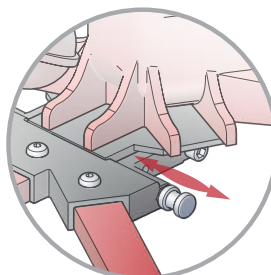
Protects
The aircraft carrier
Charles de Gaulle

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Horizontal movement: from -90° to +90°
Horizontal adjustment: by handle
Safety: vertical adjustment lockable at +30° by handle, horizontal adjustment locking knob, leg locking pin, anchoring strap
Carrying handle: yes
Foldable legs: yes

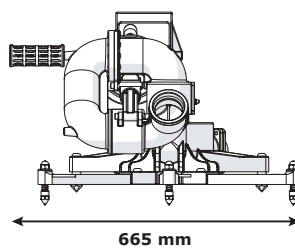
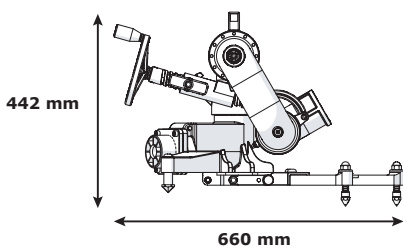
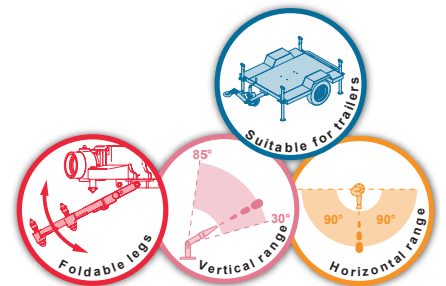
Options: outlet equipments, inlet couplings



Handwheel for vertical position adjustment with safety angle locking handle, and horizontal adjustment locking knob



Locking pin for foldable stabilising legs



The portable monitor "Antenor 3000" DN80 is made of anodised aluminum with red polyester coating. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.

The horizontal movement range from -90° to +90° can be adjusted through the operating handle with locking knob, and the vertical movement through a steering wheel from 0° to +90°.

An automatic security system limits to 30° the vertical adjustment of the diffuser (can be unlocked through manual action).

It is equipped with a grip and carrying handle.

It has five foldable stabilising legs: three at the front and two at the back. A device allows to lock the stabilising legs.

It can be equipped with different outlet equipments or inlet couplings.



Inlet	Outlets	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x Swivelling 2.5" female BSP	2.5" female BSP	80	611 x 665 x 424	17.4	03209

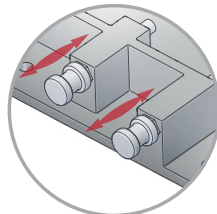
Antenor 3000 monitor on mobile trailer



Portable monitor "Antenor 3000" DN80 on trailer.
 The trailer is equipped with a towing handle, two wheels of Ø 400 mm and two housings for 20 meter Ø70 PIL hoses.
 It has four galvanized steel stabilizing stakes.
 A "Klap-Klap" bracket allows mounting and fixing of the portable monitor "Antenor 3000".
 Options: two smooth fire hose PIL Ø 70 of 20 meters with couplings.

Designation	Weight (kg)	Ref.
"Antenor 3000" monitor on mobile trailer	68	09796

"Klap-klap" device



Pin system for fast unlocking

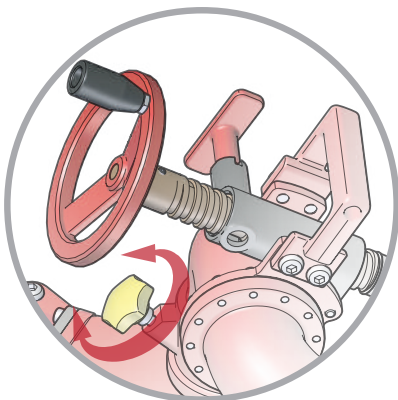
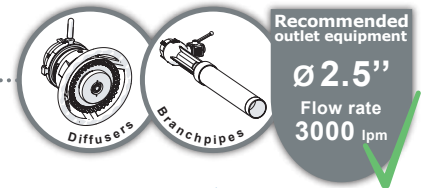
The "Klap-klap" bracket can be mounted on a fixed installation or vehicle, to allow for a quick and safe installation and removal of the "Antenor 3000" monitor.

Designation	Weight (kg)	Ref.
Quick fixation device	2.70	07738

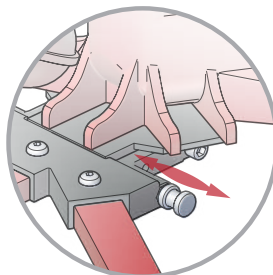
POWER FOAM water-foam branchpipe



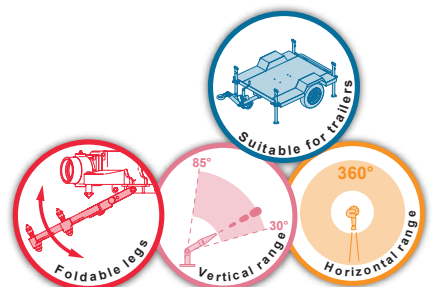
Azimutor 3000 - DN80 portable monitor



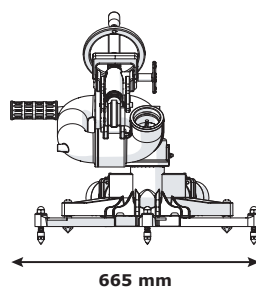
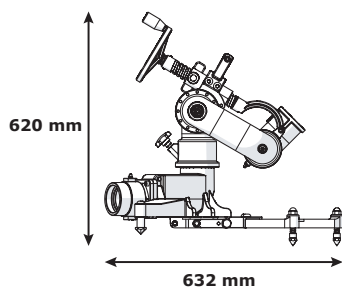
Handwheel for vertical position adjustment with safety angle locking handle, and locking knob for horizontal adjustment



Locking pin of foldable stabilising legs



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -15° to +60° locking pin at +45°
Vertical adjustment: by handwheel
Safety: vertical and horizontal adjustments locking knobs, locking pin for stabilising legs, anchoring strap
Carrying handle: yes
Foldable legs: yes
Options: outlet equipments, inlet couplings



The portable monitor "Azimutor 3000" DN80 is made of anodised aluminium alloy with red polyester coating. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet. The horizontal movement range of 360° is adjusted through an operating handle with horizontal locking knob, and a steering wheel allows for vertical elevation from -15° to +60°. An automatic device limits to 40° the vertical elevation (unlockable through manual action). It has five foldable stabilising legs: three at the front and two at the back. A device allows locking of the stabilizing legs. It can be equipped with different outlet equipments or inlet couplings.



Inlets	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x Swivelling 2.5" female BSP	2.5" female BSP	80	675 x 665 x 603	18.3	09387

Azimutor 3000 on self-supporting legs



The "Azimutor 3000" can be mounted on self-supporting legs with single DN100 inlet.

Inlet	Outlet	Weight (kg)	Ref.
4" male BSP	2.5" female BSP		09413

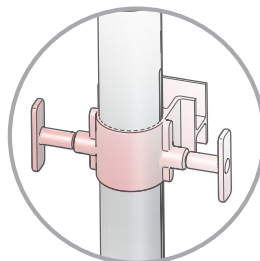
Azimutor 3000 on flange



The monitor "Azimutor 3000" can be mounted on a standard flange. This way the monitor may be assembled on a fixed installation or a vehicle.

Inlet	Outlet	Weight (kg)	Ref.
Flange DN65 PN16	2.5" female BSP		01522
Flange DN80 PN16	2.5" female BSP		01523
Flange DN100 PN16	2.5" female BSP	11.2	01524
Flange 3" ASA150	2.5" male NST-NH		13605
Flange 4" ASA150	2.5" male NST-NH		13606

Azimutor 3000 with ladder attachment



Adjustment settings and locking by handles

Our monitor "Azimutor 3000" is available with ladder or nacelle mounting system. It is equipped with a horizontal angle limiter for this use. It offers multiple configurations with different inlet and outlet equipments.

Inlet	Outlet	Weight (kg)	Ref.
2.5" female NST-NH	2.5" male NST-NH		13608

POK FOAM "QST" Quick Stick Technology Hand Nozzle



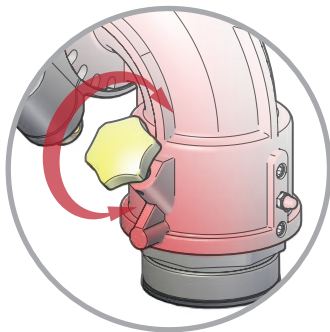
Primator 3000 - aluminium alloy DN80 fixed monitor



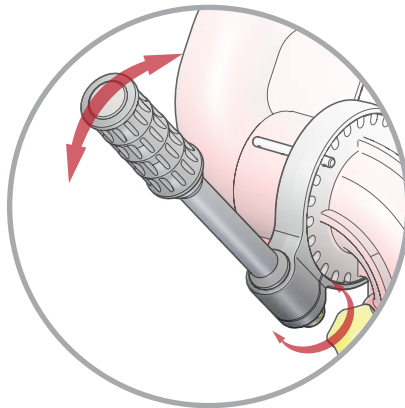
Recommended outlet equipment
Ø 2.5"
 Flow rate
3000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -50° to +85°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by handle, horizontal adjustment lockable by knob.

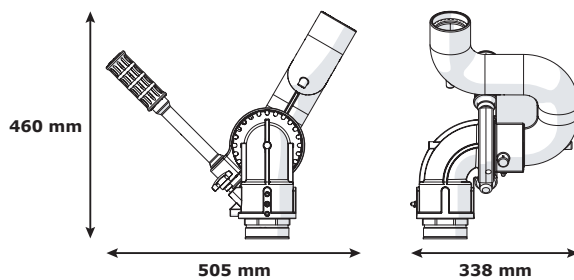
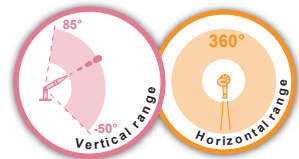
Options: outlet equipments, inlet couplings, base, ladder mount.



Oiler, and horizontal adjustment locking knob



Vertical adjustment lockable by handle



Our "Primator 3000" DN80 monitor is made for stationary setups, and ladder or platform mounts.

Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.

Adjustable through handles: Vertical movement from -50° to +85°, and horizontal movement of 360°. Vertical position locking by pin, and horizontal position locking by knob.

Made of high resistance aluminium alloy, protected against corrosion, and anodised to resist chemical attack of foam concentrates.

It can be equipped with different outlet equipments or inlet couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
3" male BSP	2.5" female BSP	80	505 x 338 x 460	7.2	20970
Flange DN65 PN16	2.5" female BSP	80	505 x 361 x 477	8.6	01505
Flange DN80 PN16	2.5" female BSP	80	505 x 361 x 485	8.9	01506
Flange DN100 PN16	2.5" female BSP	80	505 x 361 x 495	9.5	01507
Flange 3" ASA150	2.5" female BSP	80	505 x 361 x 497	8.8	16645
Flange 4" ASA150	2.5" male NST-NH	80	505 x 375 x 522	10.8	16646

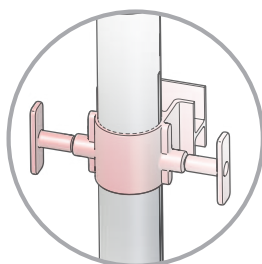
Primator 3000 on self-supporting legs



The "Primator 3000" can be mounted on optional self-supporting with single inlet DN100.

Inlet	Outlet	Weight (kg)	Ref.
4" male BSP	2.5" female BSP		01510

Primator 3000 with ladder attachment



Adaptive settings and locking by handles

Our monitor "Primator 3000" DN80 is available with ladder or nacelle mounting system.

It can be equipped with different outlets: diffuser, water-foam branchpipe, water branchpipe,...

Inlet	Outlet	Weight (kg)	Ref.
2.5" male BSP	2.5" female BSP	12	01508

Fixed hose reels with hose guides



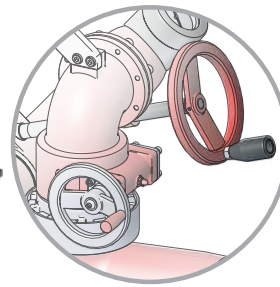
LMP80 - DN80 portable monitor



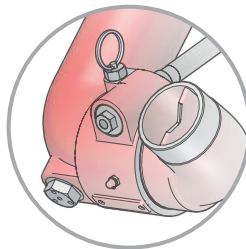
Recommended outlet equipment
Ø 2.5"
Flow rate 5000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: from -153° to +101°
Horizontal adjustment: by handwheel or handle
Vertical movement: from +30° to +85°
 from 0° to 85° when flange mounted
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at +30° by pin, horizontal adjustment locking knobs, locking pin for stabilizing legs, anchoring strap
Carrying handle: yes
Foldable legs: yes

Options: outlet equipments, inlet couplings, storage bracket

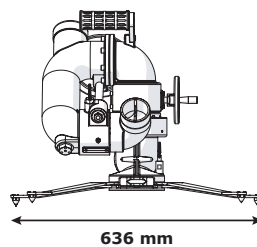
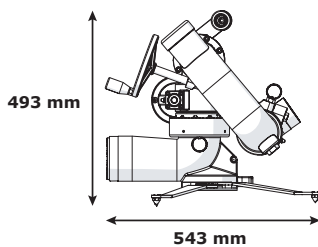


Handwheel for horizontal and vertical position



Safety pin for vertical position and flush

Suitable for trailers
Pressure gauge
Foldable legs
Vertical range
Horizontal range



The portable monitor LMP 80 is made of anodised aluminium alloy, with red polyester coating. Flow rate can go up to 5000 lpm at 7 bar at the monitors outlet. The horizontal movement is adjustable from -153° to +101° by handwheel, or by handle with locking system. Vertical elevation ranges from 0° to +85°, adjustable by handwheel with locking knob. An automatic security system limits to 30° the vertical setting of the diffuser (can be unlocked through manual action). Our monitor "LMP 80" is equipped with foldable stabilising legs with locking system and a hook to fix a strap. It is equipped with a carrying and operating handle. The pressure is controlled by a pressure gauge. It can be equipped with different outlet equipments or inlet couplings.



Inlet	Outlet	Waterway Ø (mm)	Horizontal adjustment	Vertical range	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	2.5" male BSP	80	By handwheel	By handwheel	593 x 388 x 468	20	29413
4" male BSP	2.5" male BSP	80	By handle (with lock)	By handwheel	593 x 388 x 468	19	29412

Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	20803M

LMP80 - lower section only with quick coupling system



The lower section for LMP80 with quick coupling system is designed to receive a monitor mounted on a height extender, or truck, and turned into a portable monitor.

Designation	Weight (kg)	Ref.
Lower section only (4" BSP male inlet)	7.3	10847

LMP80 - upper section with handwheels and quick coupling system



The upper section of the LMP80 can be mounted on a base, on a flange with quick coupling system, or on a height extender. The version with horizontal movement lock allows the addition of the oscillator for automatic sweeping. These two models can be fit with a wide range of output equipment: diffusers, water branchpipes, water-foam cannons, etc.

Designation	Weight (kg)	Ref.
2 handwheels - 2.5" male BSP outlet	12.7	29176
Horizontal locking - 2.5" male BSP outlet	12	29297

Oscillator for LMP80



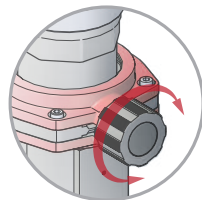
Easy adjustment of the sweeping angle by knob

Option for portable monitor "LMP80", version without horizontal adjustment handwheel (ref. 29297).

Our oscillator turns our monitor into an automatic sweeping monitor. The horizontal sweeping angle is adjustable from 0° to 60°.

Designation	Weight (kg)	Ref.
Automatic oscillator DN100	5.5	14230

Telescopic height extender option for LMP80



Knob for the hydraulic motor

The telescopic height extender for monitor LMP80 allows to mount the monitor on a vehicle for quick operation.

There are 2 versions of the telescopic height extender: 12" for up to 300mm elevation, and in 18" for up to 450 mm elevation. A quick coupling system can be added to ease monitor mounting

Inlet	Outlet	Sensor	Shock absorber	Elevation (mm)	Dimensions (mm)	Weight (kg)	Ref.
3" male BSP	Claw coupling	Down	•	300	190 x 190 x 660	15,6	27358
3" male BSP	3" ASA 150	Down	•	300	190 x 190 x 630	15,9	45416
3" male BSP	3" PN 16	Down	•	300	200 x 200 x 614	15,9	45419
3" male BSP	Claw coupling	Up-down	•	300	225 x 190 x 650	15,6	45408
3" male BSP	3" ASA 150	Up-down	•	300	190 x 190 x 630	15,8	45422
3" male BSP	3" PN 16	Up-down	•	300	200 x 200 x 614	15,8	45425
3" male BSP	Claw coupling	Up-down		300	190 x 190 x 660	15,6	08293
3" male BSP	3" ASA 150	Up-down		300	190 x 190 x 630	15,8	47998
3" male BSP	3" PN 16	Up-down		300	200 x 200 x 614	15,8	47997
3" male BSP	Claw coupling	Down	•	450	190 x 190 x 804	19,5	45412
3" male BSP	3" ASA 150	Down	•	450	190 x 190 x 777	19,7	45428
3" male BSP	3" PN 16	Down	•	450	200 x 200 x 766	19,7	45431
3" male BSP	Claw coupling	Up-down	•	450	190 x 190 x 804	19,5	27354
3" male BSP	3" ASA 150	Up-down	•	450	190 x 190 x 777	19,7	25986
3" male BSP	3" PN 16	Up-down	•	450	200 x 200 x 766	19,7	45434
3" male BSP	Claw coupling	Down		450	190 x 190 x 804	19,5	29711
3" male BSP	3" ASA 150	Down		450	190 x 190 x 777	19,7	45472
3" male BSP	3" PN 16	Down		450	200 x 200 x 766	19,7	45475

Flange with quick coupling system



Designation	Weight (kg)	Ref.
Quick coupling on flange 3" ASA150	3.1	08291
Quick coupling on flange 4" ASA150	4	22011

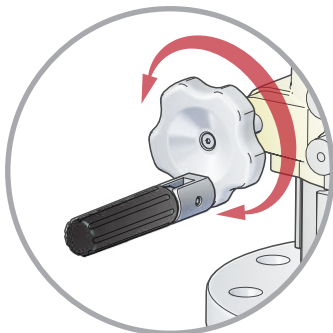
Montmirail on flange, DN80 fixed monitor with automatic sweeping



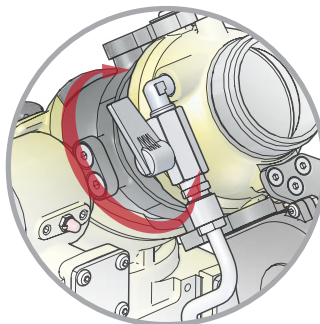
Recommended outlet equipment
Ø 2.5"
Flow rate 4000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Automatic horizontal sweeping: from -20° to +20°, adjustable speed and angle
Vertical movement: from +25° to +85°
Vertical adjustment: by handwheel

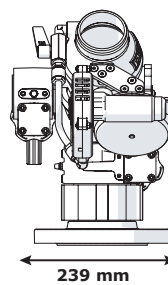
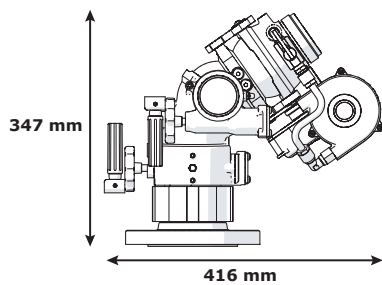
Options: outlet equipments



Handwheels for vertical and horizontal adjustment with foldable handles



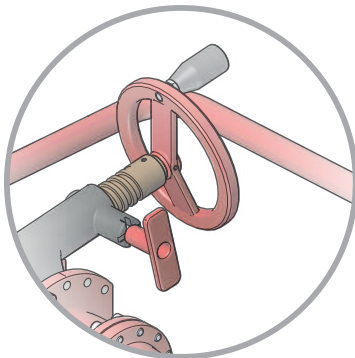
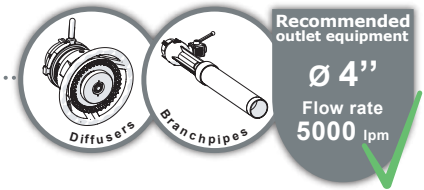
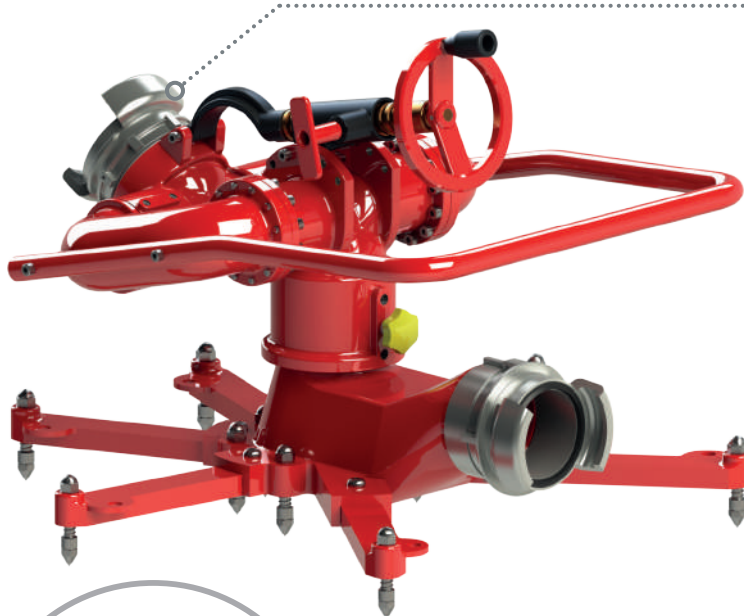
Automatic sweeping start/stop shutoff, and sweeping speed setting



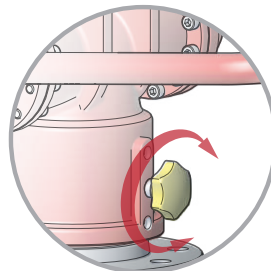
The Montmirail monitor in this fixed version is well suited to industrial sites protection. Its automatic sweeping device, adjustable and lockable, allows to protect and cover a vast area.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5" male NST-NH	80	416 x 239 x 347	9.3	42218

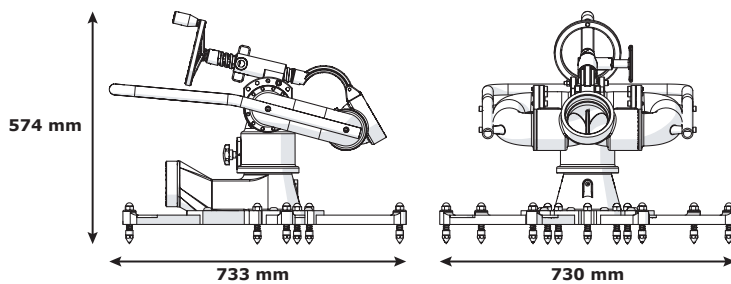
Minotor 5000 - DN100 portable monitor



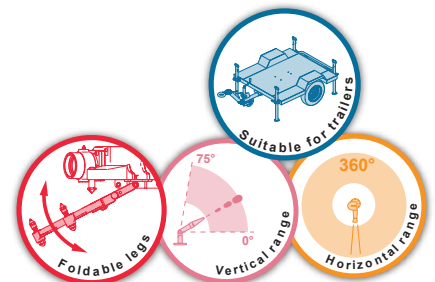
Handwheel for vertical position with locking pin for safety angle



Locking knob for horizontal position



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +75°
 from 0° to 75° when flange mounted
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by handle, horizontal adjustment locking knob, anchoring strap
Foldable legs: yes
Options: outlet equipments, inlet couplings

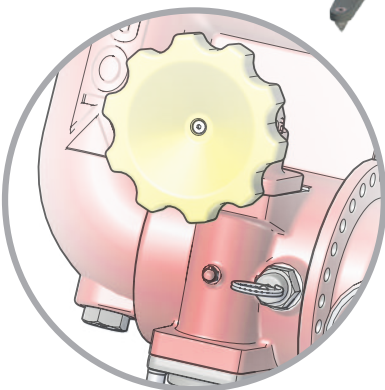


The portable "Monitor 5000" is made of anodised aluminium with red polyester coating. Flow rate can go up to 5000 lpm at 7 bar at the monitors outlet. The horizontal range is 360° by operating bar with locking knob. The vertical elevation ranges from 0° to +75° and adjustable by steering wheel. An automatic security system limits to 30° the elevation range of the diffuser (can be unlocked through manual action). It is equipped with six stabilising legs, with spring loaded spikes for soft ground. It can be equipped with different outlet equipments or inlet couplings.

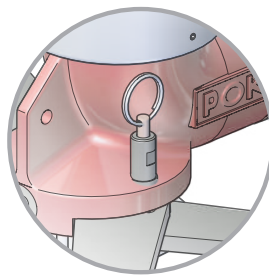
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2x 4" male BSP	4" female BSP	100			09390
4" male BSP	4" female BSP	100	733 x 730 x 574	40	09391
Flange DN100 PN16	AR DN100	100	685 x 536 x 440		09393
Flange DN100 PN16	4" female BSP	100			09393.FF4
Flange 4" ASA150	3.5" male NST-NH	100	765 x 536 x 482	18	42578

DN100 mobile monitor

Recommended outlet equipment
Ø 3.5"
Flow rate 7500 lpm



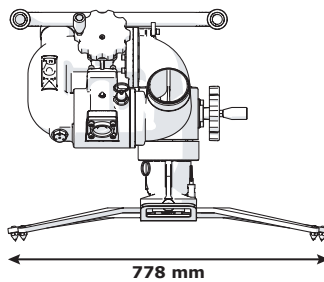
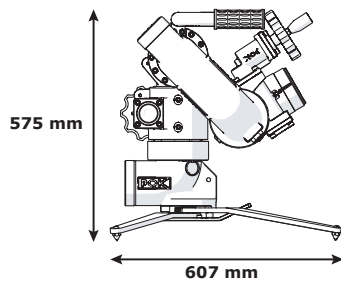
Vertical adjustment handwheel with locking pin, automatic flush.



Stabilising legs locking pin, hook for strap

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: vertical adjustment locked at +30° by stop, leg locking pin, anchoring strap
Carrying handle: yes
Foldable legs: yes

Options: outlet equipments, inlet couplings



Our PN16 DN100 portable monitor is made of anodised aluminium alloy with red polyester coating.

Flow rate can go up to 7500 lpm at 7 bar at the monitors outlet.

Horizontal adjustment range is of 360°, vertical is from +30° to +85°, both adjustable by handheel.

An automatic security device limits to 30° the elevation range of the diffuser (can be unlocked through manual action).

It is equipped with two grips and carrying handles.

The monitor comes with four foldable stabilising legs with locking system and anchorage ring to fix a strap.

The pressure is controlled by a pressure gauge.

It can be equipped with different outlet equipments or inlet couplings.

Inlets	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	3.5" male NST-NH	100	782 x 584 x 575	31	37308

DN100 portable Monitor - upper section only with quick coupling system



The upper part for the portable monitor DN100 can be mounted on a flange equipped with a quick coupling system or on an height extension. It can be equipped with various outlets: diffusers, water or foam branchpipes...

Designation	Weight (kg)	Ref.
Upper section only (3.5" male NST-NH outlet)	23	22217

Height extension for DN100 monitor with quick coupling system



Designation	Weight (kg)	Ref.
Extension length 500 mm	3.3	22205

Flange DN100 quick coupling system



Designation	Weight (kg)	Ref.
4" ASA150 flange adapter	4	22011

Monitor diffuser



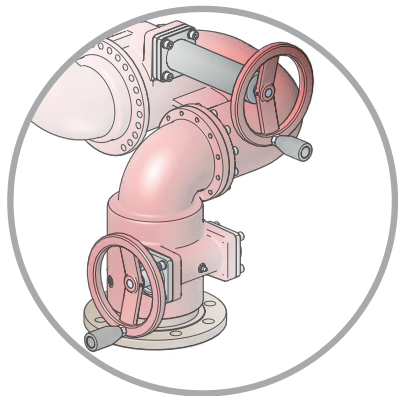
Fixed monitor 4"



Recommended outlet equipment
Ø 3.5"
Flow rate 7500 lpm

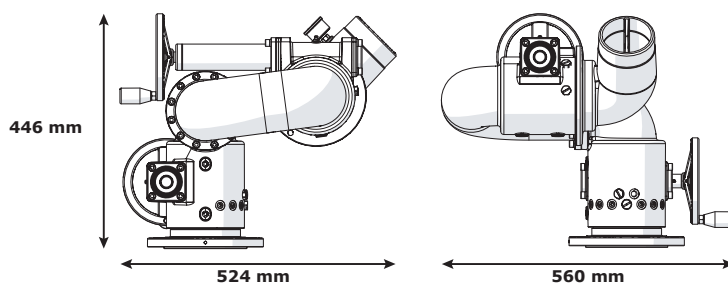
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel

Options: inlet flange, outlet equipments



Handwheels for vertical and horizontal position adjustment

Pressure gauge
Suitable for trailers
Vertical range
Horizontal range



Our PN16 DN100 portable monitor is made of anodised aluminium alloy with red polyester coating.

Flow rate can go up to 7500 lpm at a working pressure of 7 bar at the monitors outlet.

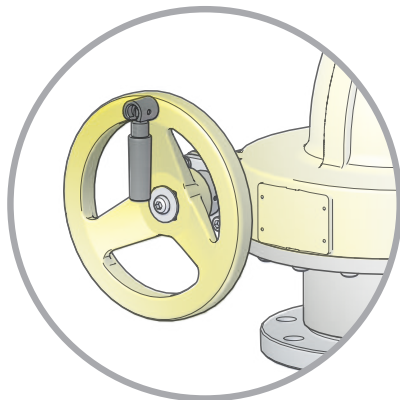
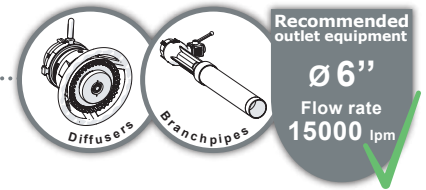
It has the same features as the portable version : horizontal adjustment range of 360° and vertical from -90° to +90°, adjustable by handwheels.

It can be equipped with different outlet equipments or inlet flanges.



Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	2.5" male NST-NH	100	524 x 560 x 446	34	29428

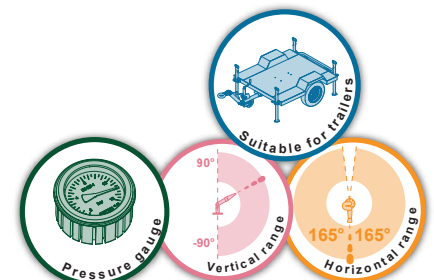
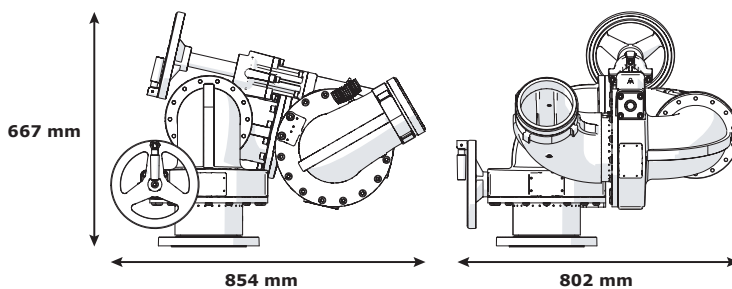
Dicodoplus - DN150 fixed monitor



Handwheels for vertical and horizontal position adjustment with foldable handles

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 330°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel
Safety: adjustable stops for angle limit

Options: outlet equipments



Our monitor "Dicodoplus DN150" offers a flow rate up to 15000 lpm at a working pressure of 7 bar at the monitors outlet.

It is made of aluminium alloy anodised with yellow polyester coating, and a PN16 design. The horizontal adjustment range is of 330° and the elevation ranges from -90° to +90°. Adjustable mechanical vertical and horizontal stops are available. The pressure is controlled by a pressure gauge. It can be equipped with different outlet equipments or inlet flanges.



Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN150 PN16	6" male NST-NH	150	854 x 802 x 667	110	27763

Fixed monitor DN200

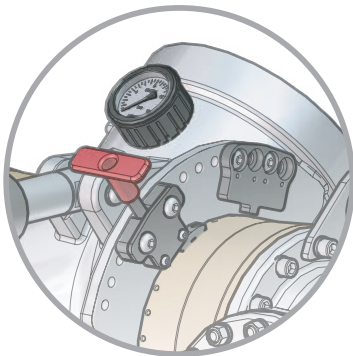
High flow rate
Up to **30 000**
liters per minute

Recommended outlet equipment
Ø 8''
Flow rate **30000 lpm**

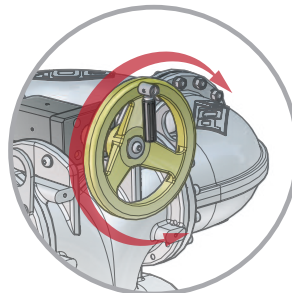


Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -10° to +60°
Vertical adjustment: by handwheel
Safety: adjustable stops

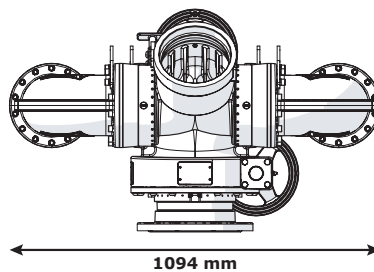
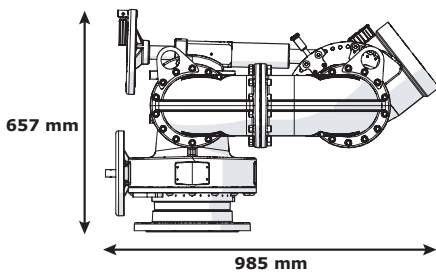
Options: inlet flange, outlet equipments



Safety lock for vertical position (for trailer mounted version) and pressure gauge



Handwheels for vertical and horizontal positions with foldable handles



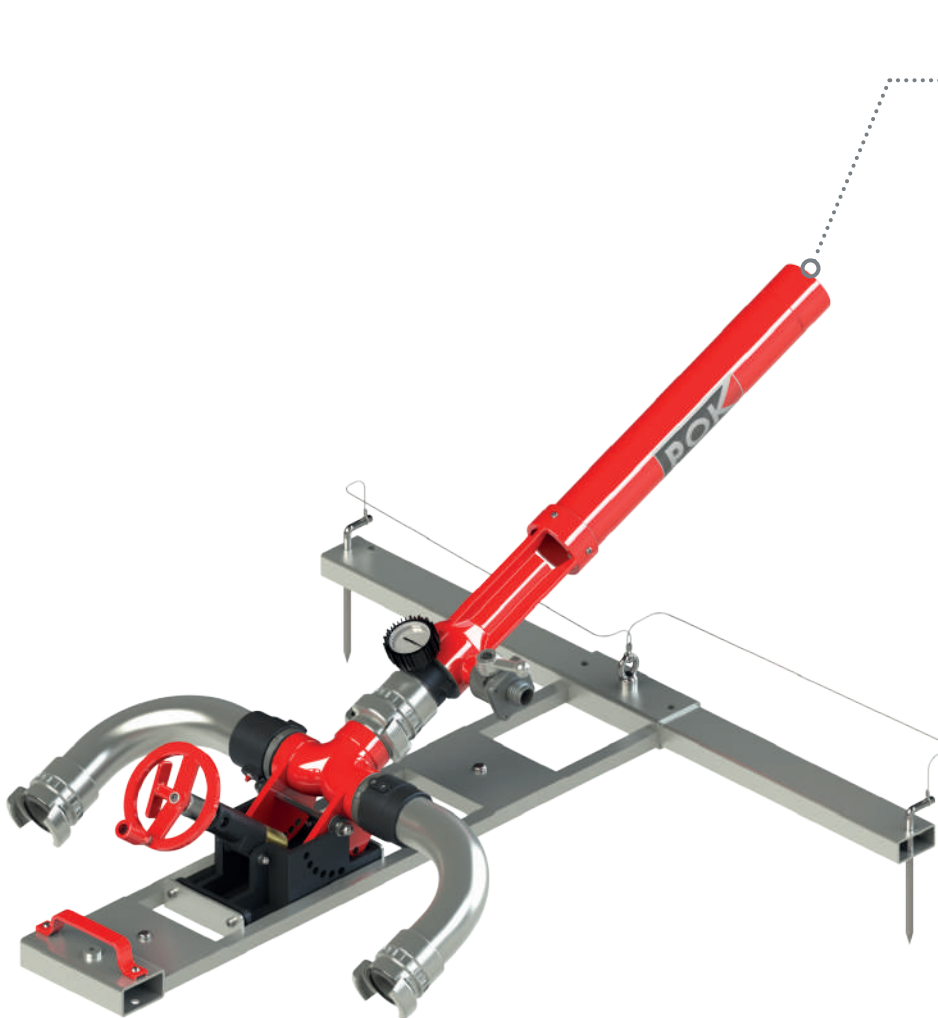
Our DN200 monitor is the most powerful in our range of manual monitors. Flow rate can go up to 30,000 lpm at 7 bar at the monitors outlet. It is made of anodised aluminium alloy with white polyester coating, and is of PN16 design. The horizontal angle adjustment range is of 360°, and the vertical elevation range from -10° to +60°, adjustable by handwheels. Adjustable mechanical vertical and horizontal stops are available.

The pressure is controlled by a pressure gauge. It can be equipped with different outlet equipments or inlet flanges.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 8" ASA150	8" female BSP	200	985 x 1094 x 657	187	37427

Matador - Vertical-adjustment-only water-foam branchpipes



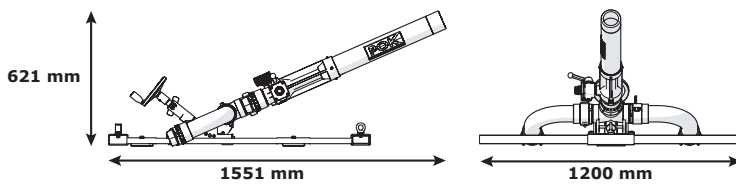
Diffusers

Branchpipes

Recommended outlet equipment

Ø 2.5''
Flow rate
2000 lpm

Ø 4''
Flow rate
4000 lpm



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from +24° to +61°
Vertical adjustment: by handwheel
Safety: anchoring strap.

Options: inlet couplings, outlet equipments.

Our range of vertical-adjustment-only water-foam branchpipes "Matador" is made of anodised aluminium alloy.

There are two versions available : 2000 lpm branchpipe with 2 DSP DN65 inlets with lock or 4000 lpm branchpipe with two AR DN100 inlets with lock. It is delivered with a suction rod. Elevation range is +24° to +61°, adjustable by handwheel.

An automatic locking device ensures the users safety (unlocked manually).

Our "Matador" is equipped with a stabilising bar to be fixed on the ground, with a carrying handle, and a ring to fix a strap (included).

The pressure is controlled by a pressure gauge.

Suitable for trailers

Pressure gauge

Vertical range
61°
24°

Inlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x DSP DN65 with lock	65	1551 x 1200 x 621	27	01521
2x AR DN100 with lock	65	1551 x 1200 x 621	27	09397

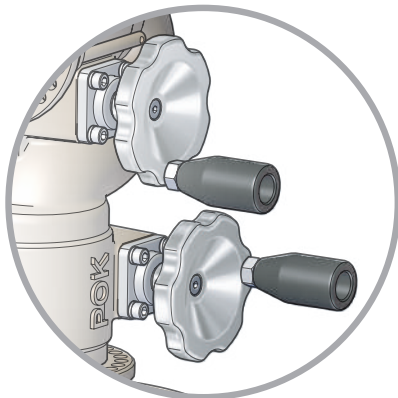
DN65 fixed bronze monitor with handwheels



Recommended outlet equipment
Ø 2.5"
Flow rate 2000 lpm

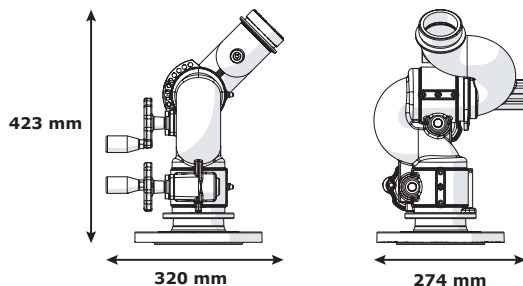
Maximum working pressure: PN16
Material: bronze
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -50° to +90°
Vertical adjustment: by handwheel

Options: outlet equipments, inlet flanges



Handwheels for vertical and horizontal positions

Marine environment
Suitable for trailers
Vertical range
Horizontal range



Our bronze DN65 monitor is designed to be used in marine environment. It is of PN16 design. Flow rate can go up to 2000 lpm at 7 bar at the monitors outlet. Vertical adjustment from -50° to +90° and horizontal of 360°, adjustable by handwheels. It can be equipped with different outlet equipments or inlet flanges.

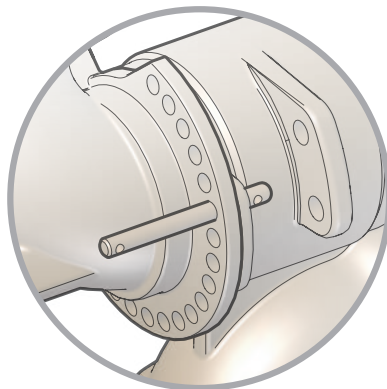
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	2.5" male NST-NH	65	320 x 274 x 423	22	20432

DN65 fixed bronze monitor without handwheels

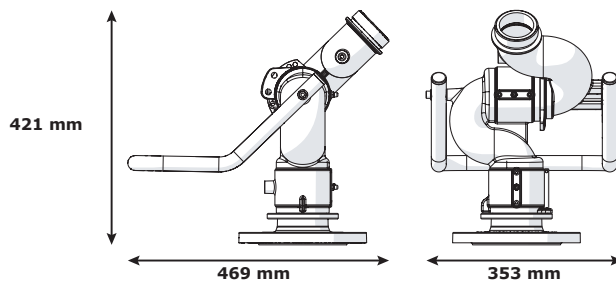


Recommended outlet equipment
Ø 2.5"
 Flow rate **2000 lpm**

Maximum working pressure: PN16
Material: bronze
Horizontal movement: 360°
Horizontal adjustment: operating bar
Vertical movement: from -50° to +90°
Vertical adjustment: operating bar
Safety: locking pins for vertical and horizontal positions
Options: outlet equipments, inlet flanges



Safety pins for locking of vertical and horizontal positions.



Our bronze DN65 monitor is designed to be used in marine environment. It is of PN16 design. Flow rate can go up to 2000 lpm at 7 bar at the monitors outlet. Vertical adjustment from -50° to +90° and horizontal of 360°, adjustable by operating bar. Vertical and horizontal positions are lockable through locking pins. It can be equipped with different outlet equipments or inlet flanges.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 3" ASA150	2.5" male NST-NH	65	469 x 353 x 421	19	21189
Flange 4" ASA150	2.5" male NST-NH	65	469 x 353 x 421	21	21005

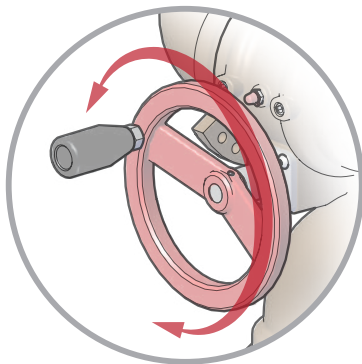
DN80 fixed bronze monitor with handwheels



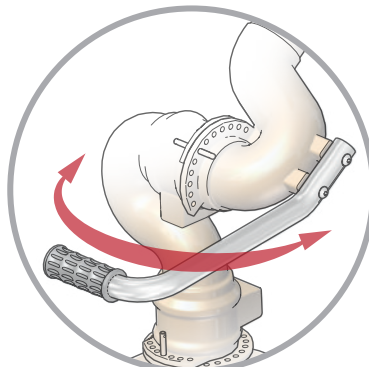
Recommended outlet equipment
 Ø 3''
 Flow rate 4000 lpm

Maximum working pressure: PN16
Material: bronze
Horizontal movement: 360°
Horizontal adjustment: by handwheels, by handle with safety pins (depending on version)
Vertical movement: from -60° to +85°
Vertical adjustment: by handwheels or operating bar (depending on version)

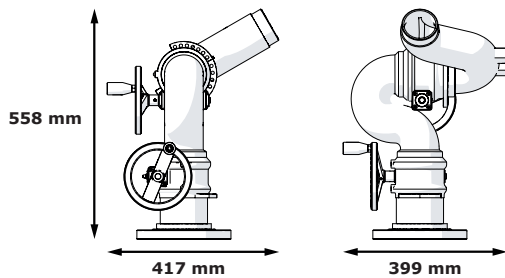
Options: outlet equipments, inlet flanges



Operating handwheels for vertical and horizontal adjustment



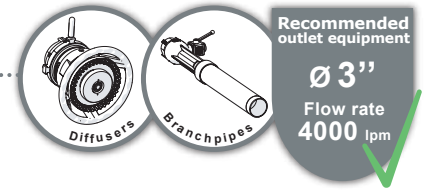
Handle with locking pins for vertical and horizontal adjustment



The bronze DN80 monitor is designed to be used in marine environment. The vertical adjustment from -60° to +85°, and the horizontal of 360°, can be adjusted through handwheels or operating bar, depends on the model. It can be equipped with different outlet equipments or inlet flanges.

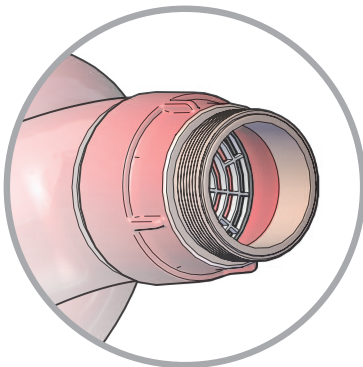
Inlet	Outlet	Waterway Ø (mm)	Operating device	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	3" male BSP	80	by handwheels	417 x 399 x 558	36	34377
4" male BSP	3" male BSP	80	by operating bar	573 x 419 x 566	30	34457

DN80 fixed bronze monitor with valve

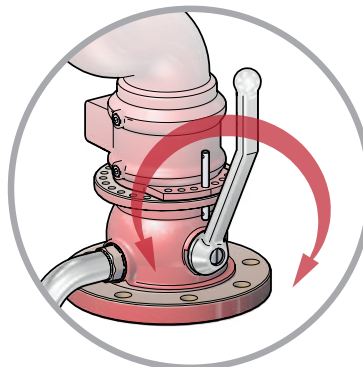


Maximum working pressure: PN16
Material: bronze
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +85°
Vertical adjustment: by handle
Flush: yes

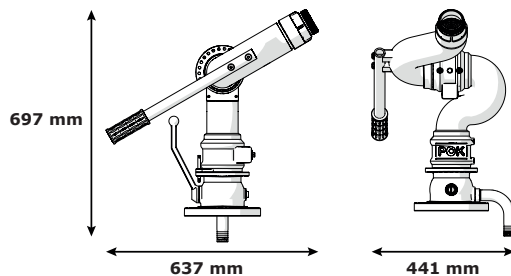
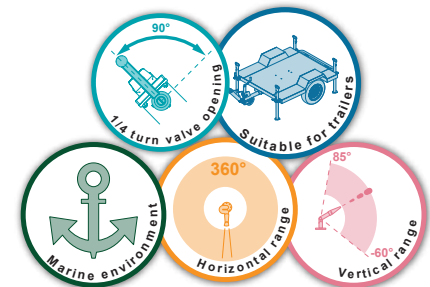
Options: outlet equipments



Transformation 3" female BSP to 2,5" male NST-NH with filter



1/4 ball valve opening with flush



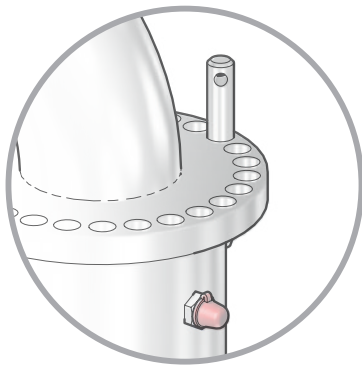
This DN80 fixed bronze monitor was specifically designed for our customers in the Middle East. The monitors are used on petrochemical sites in the desert and have to sustain particularly high temperatures and salt water. High resistance materials were used to make this monitor. It offers high hydraulic performance with its maximum flow rate of 4000 lpm. It offers a large range of vertical and horizontal adjustments. On top of it, the monitor also has an incorporated shutoff.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	2.5" male NST-NH, or 3" male BSP without filter	80	637 x 441 x 697	42	41070

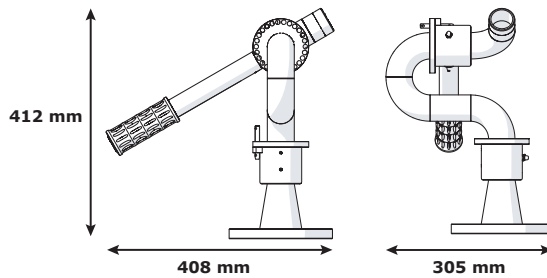
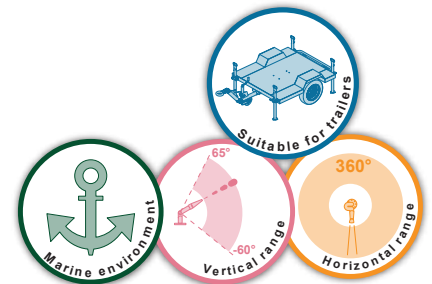
Snake - DN40 Fixed monitor in stainless steel



Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +65°
Vertical adjustment: by handle
Safety: locking pins for vertical and horizontal positions
Options: outlet equipments, inlet flanges



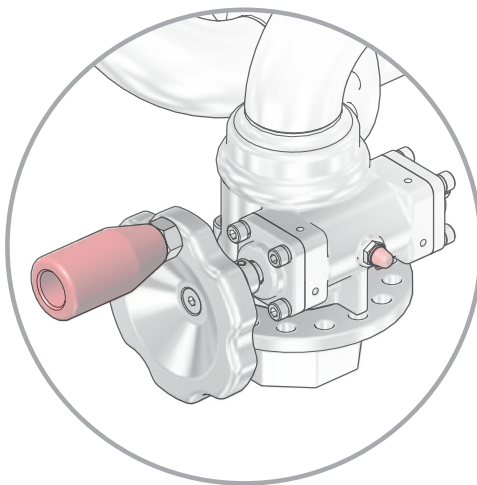
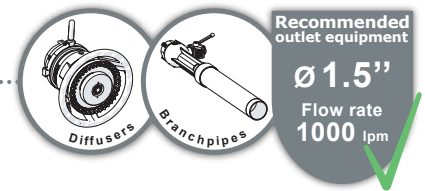
Locking pins for vertical and horizontal positions, oiler



The monitor "Snake" DN40 in stainless steel has a simple and sturdy design. The horizontal movement on 360° and the vertical movement from -60° to +65° are adjusted by a single handle and locked by pins, offering ease of use and sturdiness. The handle makes it easy to operate. It can be equipped with different outlet equipments or inlet flanges.

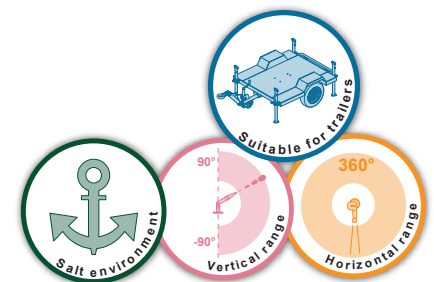
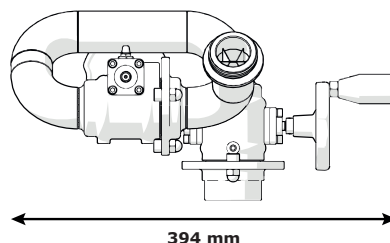
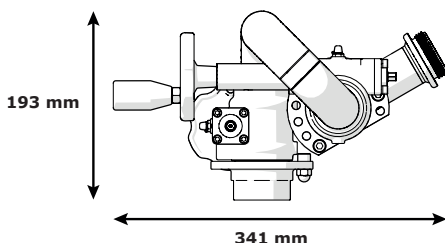
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN65 PN16	1.5" male BSP	40	408 x 305 x 412	9.1	33897

Snake - DN40 fixed monitor with handwheel, in stainless steel



Handwheel with handle, drilling for stop setting every 22,5°, grease knob and endless screw

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Vertical movement: from -90° to +90°
Safety: adjustable stops for vertical and horizontal adjustments
Options: outlet equipment, flange



The monitor "Snake" DN40 in stainless steel with operating handwheel is an easy to use and sturdy monitor. The 360° horizontal movement and the vertical movement from -90° to +90° are adjusted by means of the handwheels. It can be equipped with different outlet equipment or inlet flanges and threads.

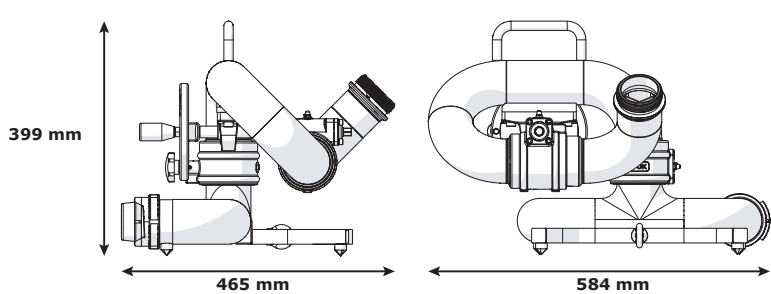
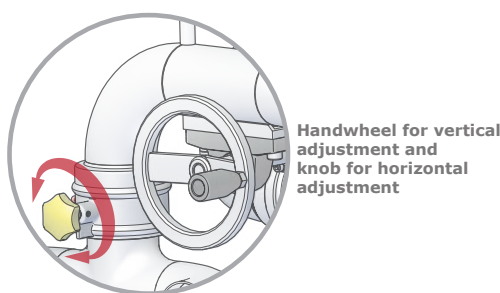
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
1.5" NPT female	1.5" NST-NH male	40	341 x 394 x 193	7,15	20402

Stainless steel DN65 portable monitor



Recommended outlet equipment
Ø 2.5"
 Flow rate **3000 lpm**

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment
Options: outlet equipments, inlet couplings



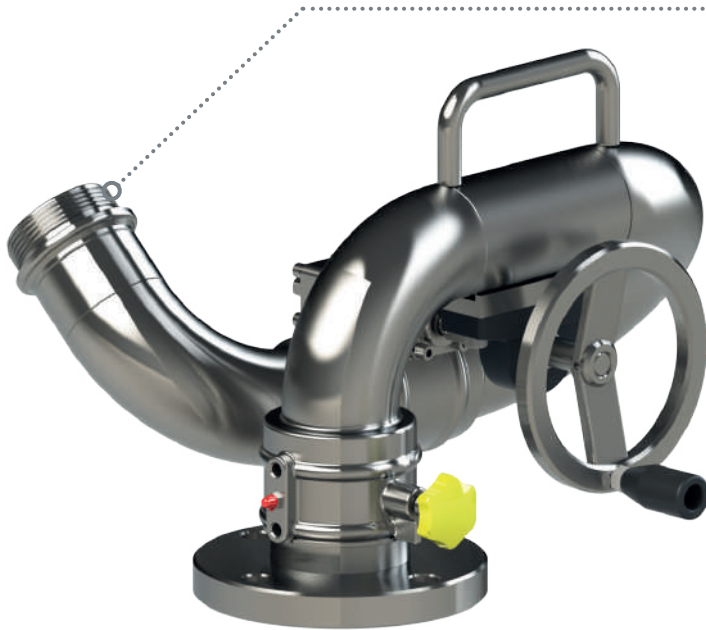
Marine environment
 Vertical range
 Suitable for trailers
 Horizontal range



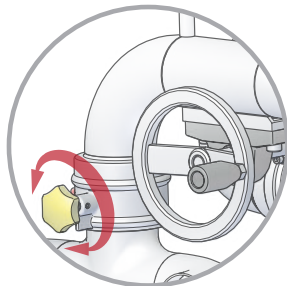
Our DN65 portable monitor is made of stainless steel, and is of PN16 design. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet. Horizontal adjustment range is 360°, adjusted by handle with locking knob. The vertical elevation ranges from +30° to +85° and can be set by handwheel. The monitor has a base with two feet for maximum stability on the ground and an anchoring ring to fix a strap (strap supplied). It is fit with either 2 SG DN65 with locks, or 2 2" male BSP, inlets.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2x 2" male BSP	2.5" male NST-NH	65	465 x 584 x 399	18.4	37390
2x SG DN65	2.5" male NST-NH	65	465 x 584 x 399	18.5	20344

Stainless steel DN65 fixed monitor



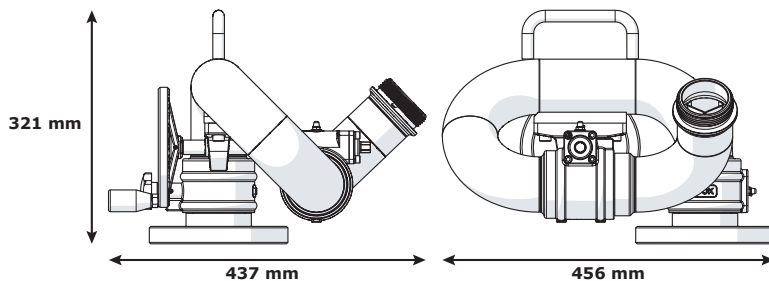
Recommended outlet equipment
 Ø 2.5"
 Flow rate 3000 lpm



Handwheel for vertical adjustment and knob for horizontal adjustment

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipments




Our DN65 fixed monitor is made of stainless steel, and of PN16 design. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet. It has the same characteristics as the portable version: horizontal range of 360° adjustable by handle with locking device, and elevation range from -60° to +80° adjustable by handwheel. It can be equipped with different outlet equipments or inlet flanges.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 3" ASA150	2.5" male NST-NH	65	437 x 456 x 321	18	20350
Flange DN100 PN16	2.5" female BSP	65	412 x 471 x 411	19	43473

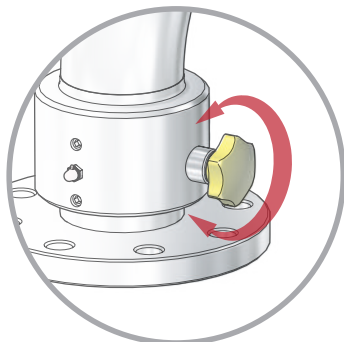


Mercator - Stainless steel DN80 fixed monitor

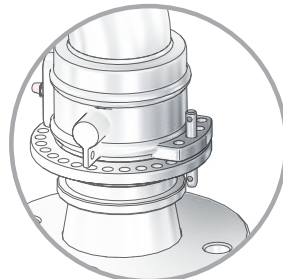


Recommended outlet equipment
Ø 2.5"
 Flow rate
3000 lpm

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handle
Options: outlet equipments

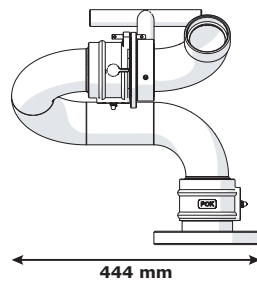
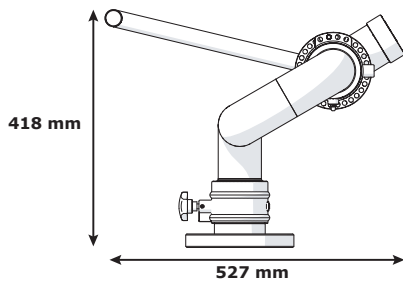


Locking knob for horizontal position



Optional : replacement of the locking knob by a pin

Marine environment
 Vertical range
 Horizontal range
 Suitable for trailers



This DN80 fixed monitor is made of stainless steel, and of PN16 design. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet. It has the same characteristics as the portable version: horizontal adjustment range of 360° and vertical from -60° to +80°. It can be equipped with different outlet equipments or inlet flanges.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5" female BSP	80	527 x 444 x 418	17	03487

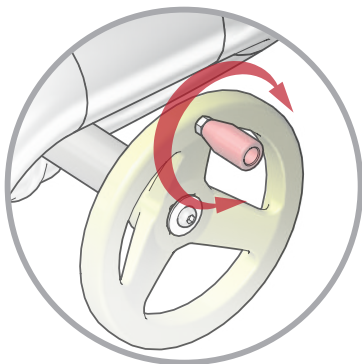
DN100 monitor in stainless steel with handwheels



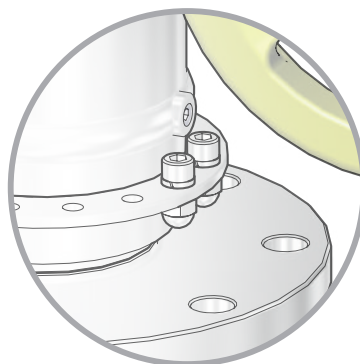
Recommended outlet equipment
 $\varnothing 3.5''$
 Flow rate
 7500 lpm

Maximum working pressure: PN16
Material: stainless steel and bronze
Body type: molded
Horizontal movement: from -170° to $+170^\circ$
Horizontal adjustment: by handwheel
Vertical movement: from -90° to 90°
Vertical adjustment: by handwheel

Options: outlet equipment

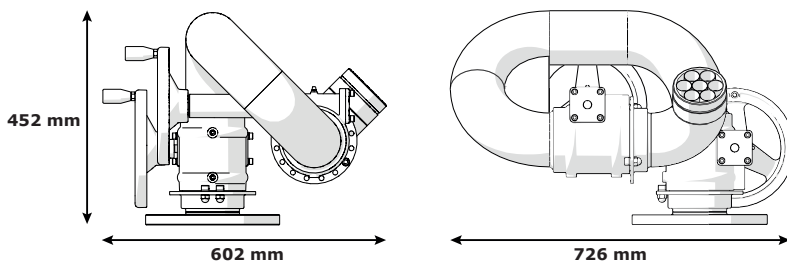


Operating handwheels for vertical and horizontal positions



Horizontal and vertical movements stops adjustable by steps of 22.5°

Marine environment
 Suitable for trailers
 Horizontal range
 Vertical range



Our stainless steel DN100 manual monitor offers an unequalled ease of use thanks to its geared handwheels.

Vertical movement from -90° to $+90^\circ$ and horizontal movement from -170° to 170° , varying depending on the stops adjustment (adjustment by steps of 22.5°).

It is equipped with a 4" ASA150 flange as inlet, and a 3,5" male NST-NH outlet that may receive a diffuser or a branchpipe.

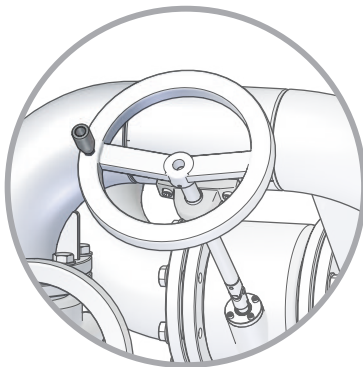
The piping of this monitor includes an inside stream shaper made of seven elements allowing a higher range and exceptional spray quality.

Inlet	Outlet	Waterway \varnothing (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	3.5" male NST-NH	100	602 x 726 x 452	56	31323



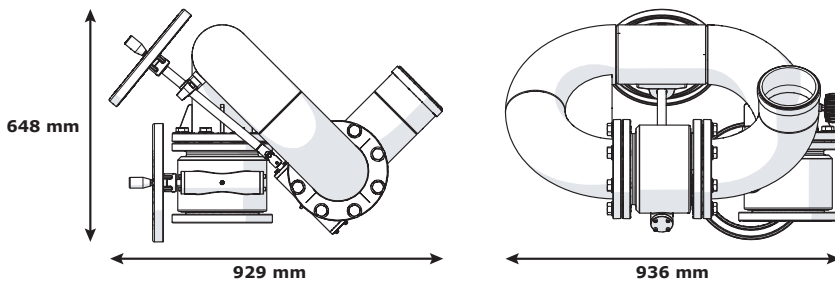
Gearator - Stainless steel DN150 fixed monitor

Recommended outlet equipment
 Ø 6''
 Flow rate 15000 lpm



Handwheels for vertical and horizontal positions

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -80° to +80°
Vertical adjustment: by handwheel
Options: outlet equipments



Our fixed monitor "Gearator" DN150 is one of the most powerful model from our range of manual monitors.

It is made of stainless steel, and of PN16 design.

Flow rate can go up to 15.000 lpm at 7 bar at the monitor's outlet.

The horizontal movement range is of 360° and vertical movement from -80° to +80°, they are adjustable by handwheels with effort reductor and worm screw.

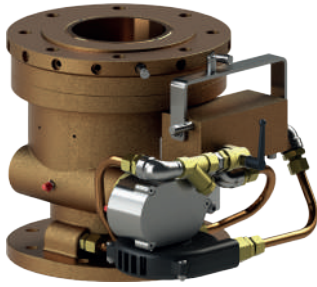
The equipment comes with a pressure gauge to control the pressure.

It can be equipped with different outlet equipments or inlet flanges.

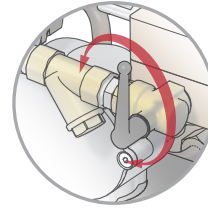


Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 6" ASA150	6" male NST-NH	150	929 x 936 x 648	185	29447

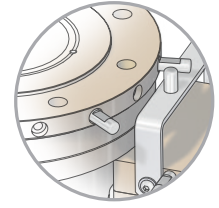
Hydraulic actuator



Maximum working pressure: PN16
Material: stainless steel, bronze
Opening: by shutoff
Speed adjustment: by shutoff
Horizontal movement: 360°
Horizontal operation: automatic sweeping
Filter: yes



Oscillation speed adjustment and opening/closing shutoff. Easy oscillator maintenance



Adjustment stops of the angular range by 20° step increment

Our DN100 hydraulic actuator was designed to offer multiple oscillating opportunities for fixed monitors. It is entirely made of bronze with stainless steel screws. The sweeping range is easily adjustable from 20° to 360° (with 20° incrementation). It can be equipped with flanges DN100 PN16 or PN20 (4" ASA150) as inlet or outlet.

Inlet	Outlet	Speed	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	Flange w4" ASA150	0,9 rpm @ 10 bar 0,7 rpm @ 7 bar	327 x 256 x 239	42	33375
Flange DN100 PN16	Flange DN100 PN16	0,9 rpm @ 10 bar 0,7 rpm @ 7 bar	327 x 256 x 239	42	33375.PN16

Tripod stand, without shutoff



Maximum working pressure: PN16
Material: steel or stainless steel
Surface treatment: polyester coated for steel range

Inlet	Outlet	Material	Dimensions (mm)	Weight (kg)	Ref.
Flange DN65 PN16	Flange 2.5" ASA150	Stainless steel	Ø561 x 744	16	20726
Flange DN80 PN16	Flange DN65 PN16	Stainless steel	Ø561 x 747	17	20878
Flange DN80 PN16	Flange DN80 PN16	Steel	Ø656 x 620	18	09526
Flange 3" ASA150	Flange 3" ASA150	Steel	Ø650 x 620		09527
Flange DN100 PN16	Flange DN100 PN16	Steel	Ø656 x 620	19	09528
Flange 4" ASA150	Flange 4" ASA150	Steel	Ø650 x 620	21	09529
Flange 6" ASA150	Flange 6" ASA150	Stainless steel	Ø1210 x 1018	65	27988

Elbow tripod stand, without shutoff



Maximum working pressure: PN16
Material: steel or stainless steel
Surface treatment: polyester coated for steel range

Inlet	Outlets	Material	Dimensions (mm)	Weight (kg)	Ref.
4" male BSP	Flange 3" ASA150	Steel	610 x 542 x 620	15	32721
4" male BSP	Flange 3" ASA150	Stainless steel	610 x 542 x 620		44407

Tripod stands, with shutoff



Maximum working pressure: PN16
Material: steel or stainless steel
Surface treatment: polyester coated for steel range
Shutoff: clapper
Opening: by handwheel

Inlet	Outlets	Material	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	Flange DN80 PN16 2x DSP DN65	Steel	Ø650 x 620	26	09530
Flange 3" ASA150	Flange 3" ASA150 2x DSP DN65	Steel	Ø650 x 620		09531
Flange 4" ASA150	Flange 3" ASA150 2x 2.5" female BSP	Steel	Ø630 x 700	29	34110
Flange DN100 PN16	Flange DN100 PN16 2x DSP DN65	Steel	Ø650 x 620	21	09532
Flange 4" ASA150	Flange 4" ASA150 2x DSP DN65	Steel	Ø650 x 620		09533
Flange DN150 PN16	Flange DN150 PN16 2x 2.5" BSP female	Stainless steel	Ø1210 x 1086	68	33348

Protective canvas



Material: High-toughness polyester, 640 g/m²
Surface treatment: multi-coated PVC, UV and fungicide protection, double-faced lacquer

Designation	Dimensions (mm)	Ref.
Protective canvas for 4" monitor (ref. 30527) fit with foam branchpipe (ref. 27844)	1226 x 650 x 1055	42813
Protective canvas for 2.5" monitor (ref. 29372) fit with foam branchpipe (ref. 25794)	1036 x 460 x 749	42814

Our nozzles, monitors, foam equipments, dividers, can be equipped with any type of couplings existing and manufactured by POK, using the best materials.



	Control systems								Aluminium alloy monitors						
	"MINI V1" control system	"2EASY V2" control system	"FULL" Control system	"TECHNO V2" control system	"KWICS V1" control system	"COBRA V2" control system	"eNet V1" control system	"STACS" control system	JUPITER - Motorised monitor	Agelasto, DN50 fixed monitor	DN65 portable monitor	DN65 fixed monitor	Montmirail DC	Dicodoplus, DN80 portable monitor	Kalypige - Monitor DN80
Flow rate (lpm)									2400	2500	2400	3000	4000	5000	4000
Outlet diameter									2.5"	2.5"	2.5"	2.5"	2.5"	2.5"	2.5"
Working pressure (bar)									7	7	7	7	7	7	7
Working pressure (PSI)															
Maximum working pressure (bar)									16	16	16	16	16	16	16
Waterway Ø (mm)									65	50	65	65	80	80	80
Horizontal movement									from -90° to +90°	355°	360°	360°	from -170° to +170°	from -168° to +168°	from -180° to +180°
Vertical movement									from +32° to +90°	from -45° to +94°	from +32° to +90°	from +32° to +90°	from +25° to +85°	from -90° to +90°	from -35° to +85°
Compatible EasyDrive®															
Rotation speed									22°/s	12°/s	22°/s	22°/s	9°/s	11°/s	22°/s
Material									Alu	Alu	Alu	Alu	Alu	Alu	Alu
Hard anodisation									•	•	•	•	•	•	•
Polyester coating									•	•	•	•	•	•	•
Opening valve															
Flush function															
Portable											•			•	
Fixed															
Handwheel									•	•	•	•	•	•	•
Pressure gauge													•		
Waterproofness	IP66-67	IP66	IP65-66	IP67	IP65-66	IP66	IP65-66	IP66-67	IP66						
ATEX Design	•												•		
Radio range (in open field)	200 m	150 m	300 m	Wired	Wired	Wired	Wired	150 Wired	200 m						
Battery life	8 h	20 h	16 h					16 h	2/4 h						
Display	LED	LED	Digital	Screen	Digital	Screen	LED Digital Screen	LED Screen	LED Screen						
Type of controller	Joystick Boutons	Boutons	Joystick Switch	Joystick Boutons	Joystick Switch	Joystick Boutons Switch	Joystick Boutons Switch	Joystick Boutons	Joystick Boutons						
Remote-controlled functions	Vertical, horizontal, sweeping, diffuser, emergency stop	Vertical, horizontal, sweeping, diffuser, emergency stop	Vertical horizontal sweeping diffuser duckbill, nozzle, flow rate, telescopic, tube, valve, emergency, stop	Vertical, sweeping, horizontal, sweeping, diffuser, valve, emergency stop	Vertical, horizontal, sweeping, diffuser, nozzle, emergency stop	Vertical horizontal sweeping, diffuser, nozzle, emergency stop	Vertical, horizontal, sweeping, diffuser, nozzle, emergency stop	Vertical, horizontal, sweeping, diffuser, duckbill, nozzle, telescopic, tube, valve, emergency stop	Vertical, horizontal, sweeping, diffuser, emergency stop, speed, steering						
OPTIONS	LRA-PS	LRA-PS	LRA-PS-BAT-PD								I-O-CS-T	I-O-CS	I-O-CS	I-O-CS-T	I-O-CS
Page	page 153	page 154	page 155	page 156	page 157	page 158	page 159	page 163-page 169	page 170	page 171	page 173	page 174	page 175	page 176-page 177	page 178

Options: LRA - Long receiver antenna, PS - Receiver 230 VAC power supply, BAT - Extra battery, PD - Position display I - Inlet coupling, O - Outlet equipment, CS - Control system, T - Transport trolley (•): Depending on reference

Quick glance at motorised monitors



POK motorised monitors are designed to provide dynamic performances when they are equipped with a diffuser. However, other output configurations are available on request (e.g: foam branchpipe, smooth bore tips), do not hesitate to contact our sales department to find out what is best for you.



Aluminium alloy monitors Bronze monitors Stainless steel monitors

	Florence, DN80 monitor	DN100 portable monitor	DN100 fixed monitor	Agelasto, DN100 fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed monitor	Fixed DN65 bronze monitor	Fixed DN80 bronze monitor	Fixed DN200 bronze monitor	Fixed DN40 stainless steel monitor	Fixed DN40 stainless steel STACS monitor	Fixed DN65 stainless steel monitor	Fixed DN80 stainless steel monitor	Fixed DN100 stainless steel monitor
Flow rate (lpm)	4000	7500	7500	7500	15000	30000	2000	4000	20000	1000	1000	3000	6000	7500
Outlet diameter	2.5"	3.5"	3.5"	3.5"	6"	8"	2.5"	3"	8"	1.5"	1.5"	2.5"	3"	3.5"
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Working pressure (PSI)														
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)	80	100	100	100	150	200	65	80	200	40	40	65	80	100
Horizontal movement	from -168° to +168°	360°	360°	355°	from -165° to +165°	from -170° to +170°	from -170° to +170°	from -170° to +170°	from -170° to +170°	from -170° to +170°	from -60° to +60°	from -170° to +170°	from -170° to +170°	from -170° to +170°
Vertical movement	from -30° to +90°	from +30° to +90°	from -90° to +90°	from -45° to +120°	from -90° to +90°	from -10° to +60°	from -37° to +85°	from -55° to +85°	from -35° to +85°	from -90° to +90°	from -40° to +75°	from -90° to +90°	from -90° to +90°	from -90° to +90°
EasyDrive compatibility®		•												
Rotation speed	11°/s	9°/s	9°/s	9°/s	4.5°/s	9°/s	22°/s	22°/s	5°/s	12°/s	12°/s	22°/s	16°/s	9°/s
Material	Alu	Alu	Alu	Alu	Alu	Alu	Bronze	Bronze	Bronze	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Hard anodisation	•	•	•	•	•	•								
Polyester coating	•	•	•	•	•	•			•					
Opening valve														
Flush function														
Portable		•												
Fixed	•	(•)	•	•	•	•	•	•	•	•	•	•	•	•
Handwheel	•	•	•	•	•	•		•	•	•		•	•	•
Pressure gauge														
Waterproofness														
ATEX Design														•
Radio range (in open field)														
Battery life														
Display														
Type of controller														
OPTIONS	I-O-CS	I-O-CS-T	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS
Page	page 179	page 180-page 181	page 182	page 183	page 184	page 185	page 186	page 187	page 188	page 189	page 190	page 191	page 192	page 193

Options: LRA - Long receiver antenna, PS - Receiver 230 VAC power supply, BAT - Extra battery, PD - Position display I - Inlet coupling, O - Outlet equipment, CS - Control system, T - Transport trolley (•): Depending on reference

POK EasyDrive®

All our monitors compatible with POK EasyDrive® can be controlled via a wired (TECHNO, COBRA, KWICS, Enet or STACS systems), or wireless system with radio remote control (FULL, MINI, 2EASY, Enet or STACS).

All our control systems were designed by combining both the most drastic regulatory constraints and our industrial knowledge, guaranteeing them a high-level of safety and reliability.

Remote control systems FULL, MINI, 2EASY, Enet or STACS

The remote control offers the advantage of controlling a monitor while keeping the fireman far from danger and increasing his efficiency (better positioning). The monitor is operated through line-of-sight up to 300 meters away in open field when using the FULL system.

Additionally, setting it up comes down to supply the monitor in water when it is not equipped with its own battery, reducing drastically the cost of the setup.

A very efficient system for automatic frequency search based on the "Listen Before Talking" principle (LBT) ensures an optimum radio operation link even in a polluted electromagnetic environment. The transmitter is continuously in bidirectional communication with the receiver.

A general emergency stop push button, redundant and monitored in real time ensuring its availability, allows an immediate stop to any movement in case a potential hazard occurs.

Using amongst the most powerful radio systems on the market, the remote control operates with on license-free frequency band available in most countries. If necessary, we can provide specific frequencies (upon user request).

TECHNO controller

Specifically designed for incineration plants, and waste tank protection, the TECHNO controller allows remote monitor control via a wired transmitter connected to a control panel.

By using an industrial communication network (CANOpen) and embedded controllers of the latest technology, the TECHNO system allows to chain multiple monitors and thus to create a network of 2 monitors.

If the distance between the monitor and the transmitter exceeds several hundred meters, we suggest using optical fiber.

All monitors of a network can be controlled from a single point and from a single transmitter.

A 4.3" graphic display on the transmitter shows the current position of the monitor in real time.

This systems flexibility allows adding additional features such as:

- Detecting a hot spot
- Learning multiple attack points of the fire
- Other features upon request

A backup battery system supplies power to the monitor in case of failure of the main power supply (optional).

The entire installations settings can be set by the transmitter through its intuitive functions.

COBRA controller

Specifically designed to control monitors on firefighting vehicles (truck or ship), the COBRA system allows operating on roof or bumper mounted monitors through a joystick inside the cabin.

It is connected to its control panel through an industrial bus of type CANOpen.

A 4.3" graphic display in the cabin allows to see the current position of the monitor in real time and configure it.

In order to fit perfectly into the vehicle's dashboard, POK can also offer delivery of a driver's station entirely adapted to the vehicle (supply of boards with joystick, emergency stop button, push buttons, etc.).

Enet controller

Doubtlessly, the most adapted system on the market to operate a set of networked monitor. It allows to control up to 8 monitors through an industrial bus Ethernet.

Numerous control points (wired and wireless) allow the monitor to be operated safely from several locations at the same time (priority management).

Using optical fibers allows to have the control panel miles away from the monitor

A 10.4" colour graphic display shows the position of the monitor in real time and enables to have a video feedback (if the monitor is fitted with a camera).

KWICS controller

The simplest wired system of POK that allows to operate a monitor from two different points. Ideal solution to control a monitor on fire trucks thanks to a user-friendly ventral console. A general emergency stop push button, redundant and monitored in real time ensuring its availability at any time, allows an immediate halt to any movement in case a potential hazard occurs.

MINI V1

The MINI V1 control system allows control of POK monitors, by radio frequency, from a diameter of DN40 to DN150 (brush motors), on trailer or not, except for MONTMIRAIL monitors.

Thanks to its ultra-compact transmitter and its low weight (less than 300 g), the remote control offers performance and safety essential for a stable use of the monitor.

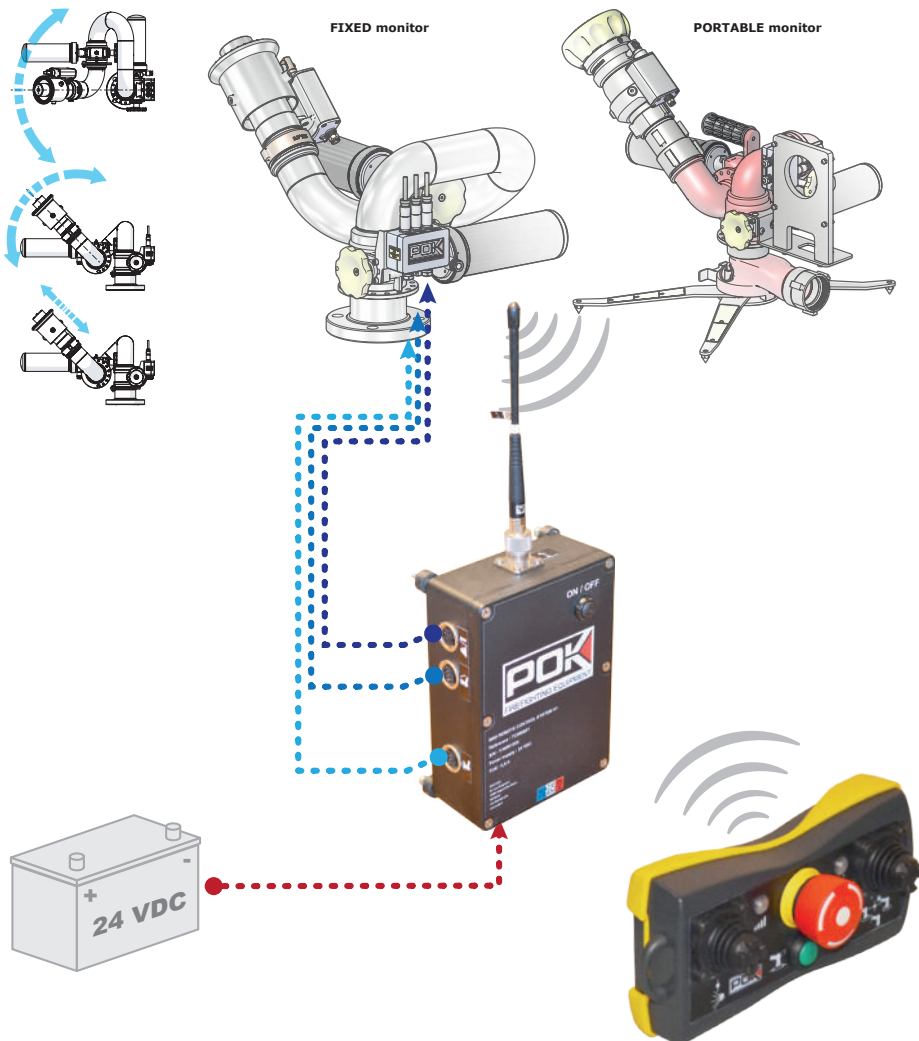
The robust and original (non-contact) manipulators allow flexible and highly precise vertical and horizontal movement and diffuser control.

A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard.

An automated and original frequencies scan based on the LBT protocol (Listen Before Talking) allows to use the remote control even in external electromagnetic disturbance. A constant communication between the transmitter and the receiver guarantees a high level of safety. Interactive LED informs the operator of the system status.

Thanks to intuitive control joysticks, automatic sweeping can be activated with a simple calibrated button press (sweeping angle change).

Thanks to its high capacity rechargeable batteries, the remote control has over 8 hours of autonomy in continuous use; charging is done with a POK quick charger in less than 3h. Associated with the motors with integrated encoders of the monitor, the control system eliminates any mechanical stress thanks to a very sophisticated control algorithm.



- Housing:**
Antistatic ABS, thickness 2.5 mm
Graphite grey colour, yellow
- Transmitter dimensions:** 173 x 83 x 60 mm
- Transmitter weight:** 267 g with battery
- Receiver dimensions:** 121 x 82 x 196 mm
- Receiver weight:** 900 g
- Waterproofing:** IP66
- Operating temperature:** -30°C to +70°C
- Type of organs:**
Wireless joysticks with Hall effect
Simple push button
Emergency stop push/turn
- Human-machine interface:** 2 bicolour LED
- Technology:**
Scan of frequency LBT (Listen Before Talking)
16 frequencies, frequencies range 433-434 Mhz
- Radio range:** 200 m in open field
- Transmitter carrying:** Strap
- Transmitter power supply:**
Internal battery 3.7 V / 800 mAh
Autonomy over 8h
Recharge in less than 5h with smart charger
- Receiver power supply:**
Tension 24VDC/110 mA
Autonomy of 8h with horizontal sweeping
Recharge in less than 3h with smart quick charger
- Receiver connection:**
Female BINDER IP67 base
- Remote-controlled features:**
Vertical (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Emergency stop
- Configurable setting:**
Horizontal sweeping angle
- Options:**
Long receiving antenna
230 VAC Power supply for the receiver

Designation
Mini V1 control system

Ref.
41184

2EASY V2

The 2EASY V2 control system allows operation of most of POK EasyDrive monitors (DN40 to DN200) with brush or brushless motors by radio waves.

Provided with the markets most compact and lightest transmitter (228 g), this system offers an intuitive and entirely safe handling.

The transmitter is equipped with single or double press buttons (patented system), thus enabling two control speeds in horizontal and vertical direction. These buttons, part of the POK technology, remain unmatched on the market today.

A redundant and self-controlled emergency stop push button allows the operator to stop all movements immediately if a hazard occurs.

In order to be used only by authorized persons, a removable operation key must be used to start the system.

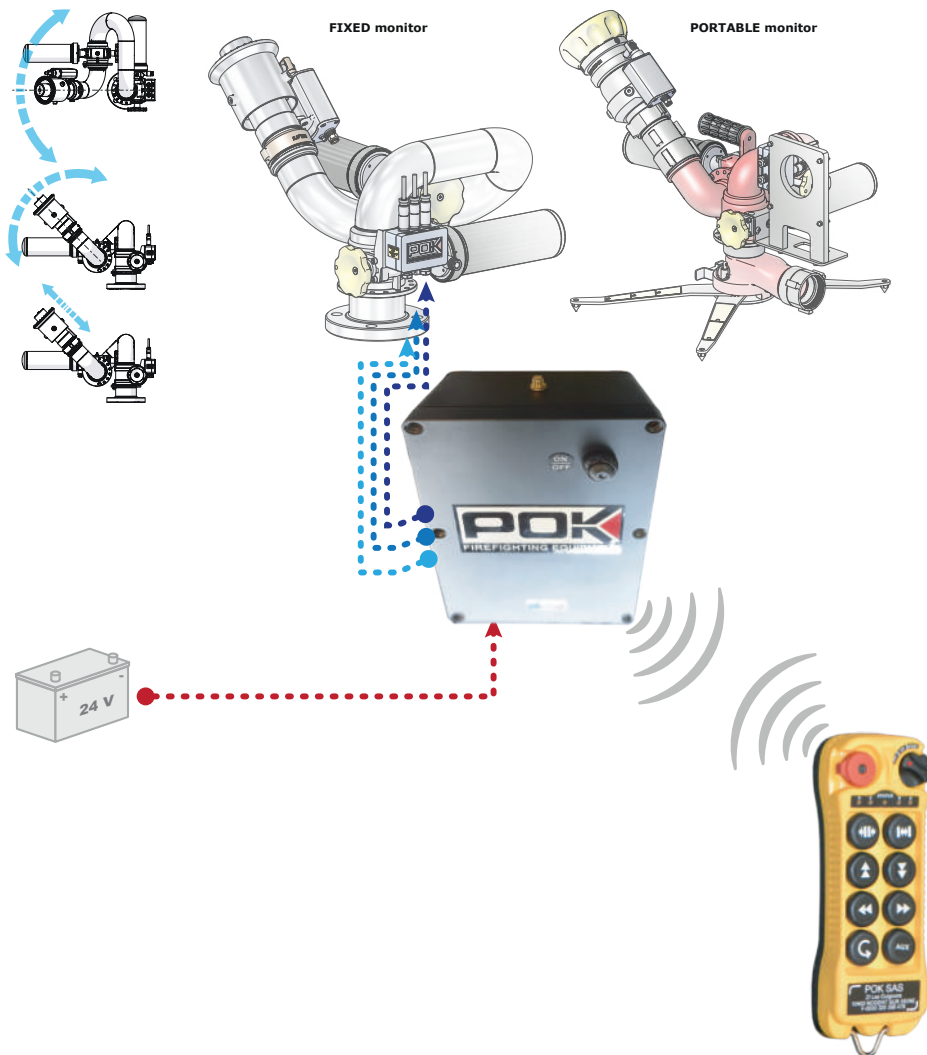
Powered by two single AA rechargeable batteries with very long battery life, or simply by alkaline batteries, the control system enables a continuous operation for up to 20 hours. An automatic standby system even extends this time.

These batteries are recharged using a standard commercial charger.

A LED display shows the operator all the states of the system thus ensuring a completely interactive manipulation (radio link, emergency stop, automatic standby, prohibition of operation, etc.)

Moreover, an automatic recalibration of the transmitter with its monitor makes it possible to control several monitors with the same transmitter in a totally secure manner (unique 32-bit address code).

Combined with the high-performance motors (brush with integrated encoders or brushless) of the monitor, the control system eliminates all mechanical stress thanks to a highly sophisticated positional servo algorithm.



Housing:
ABS, thickness 2.5mm
Yellow colour
Transmitter dimensions: 180 x 70 x 35 mm
Transmitter weight: 228 g (without batteries)

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Type of organs:
Push buttons
Operation key
Emergency stop push/turn

Technology:
Scan of frequency LBT (Listen Before Talking)
16 frequencies
Frequency range: 868 - 870 MHz or
433 - 434 MHz
Radio range: 150 m in open field

Transmitter carrying: Strap

Power supply:
Transmitter: AA batteries - 2.4V / 2500 mAh
Receiver: 24V/110mA - Tension range 20.1V - 30V
Autonomy up to 20 h
Charging time under 2h with smart quick charger

Remote-controlled features:
Vertical: 2 speeds (Slow, Quick)
Horizontal: 2 speeds (Slow, Quick) with automatic sweeping option
Diffuser (GV)
Emergency stop

Human-machine interface:
5 bi-coloured LED display

Options:
Power supply of the receiver 230VAC or battery 24Vdc at 9 A h

Designation	Ref.
2Easy remote control system for brush motor monitor	TC010558
2Easy remote control system for brushless motor monitor (Montmirail DC and Kalypige)	TC010274
2EASY remote control system for DN200 monitor	41176

FULL

The FULL control system enables the control via radio waves of all POK EasyDrive© compatible monitors with brush motors.

Thanks to its ventral compact operation panel and its low weight (less than 2kg), the remote control offers high performances and safety essential for a stable use of the monitors.

Its strong and original joysticks (wireless) enable flexible control and a good precision of the vertical and horizontal movements, diffuser and flow rate control.

Extra instruments, ergonomically placed on the console, allow control of a valve and a telescopic mast.

A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard.

A highly original and automatic frequency scan allows the remote control to operate even in the presence of external electromagnetic disturbances. In case of failure of the radio transmission, the transmitter can be connected to the receiver with a cable. In this case, the receiver provides power to the transmitter.

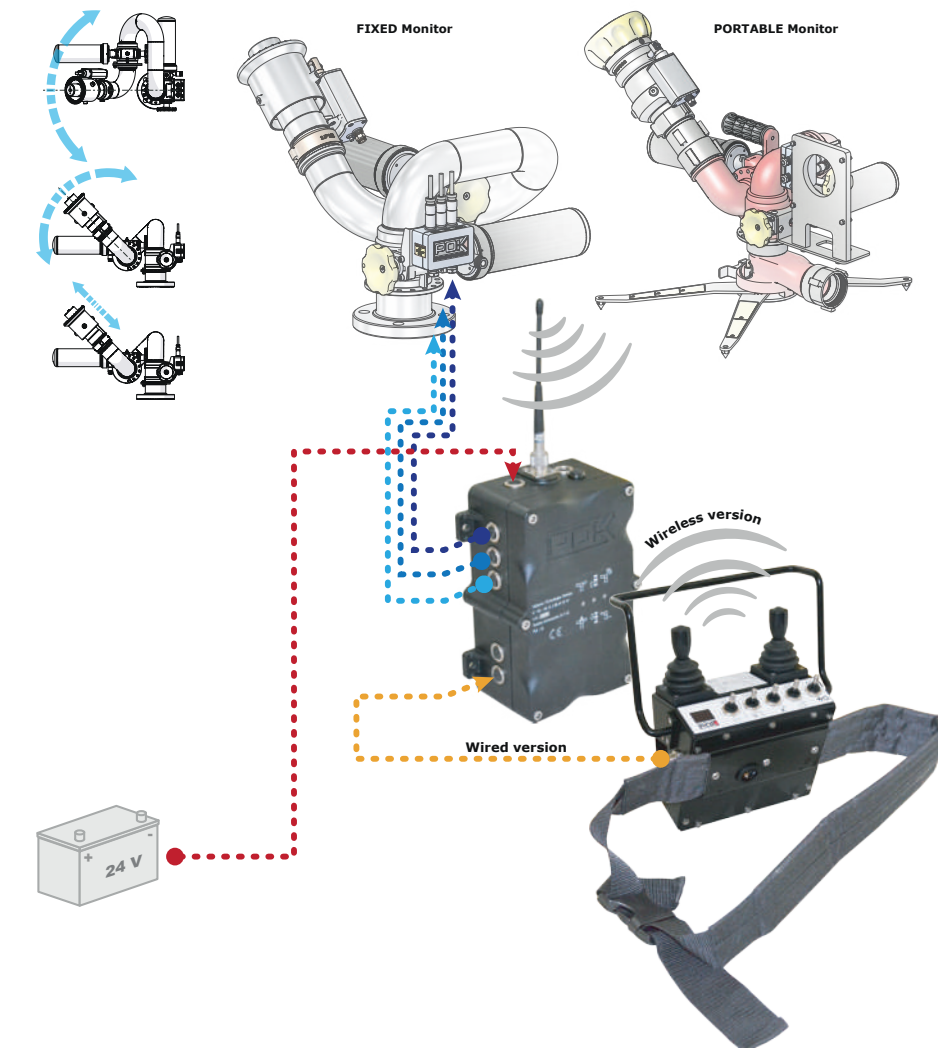
A robust and compact digital display shows the status of the remote control (battery charge level, learning mode, etc.).

The automatic horizontal sweep can be started at the push of a button and set (change of sweeping angle) in a very intuitive way.

Thanks to its large-capacity detachable battery, the remote control has an autonomy of more than 16 hours in continuous operation; it can be recharged using a fast charger in less than 2 hours.

In combination with the monitor's nozzle integrated encoder motors, the control system eliminates any mechanical stress thanks to a highly sophisticated position control algorithm.

A position display, connected to the receiver, makes it possible to report the position of the nozzle in real time.



Housing:

Aluminium 5005, thickness 2.5 mm
Colour RAL9005
Plastic coated

Transmitter dimensions: 170 x 85 x 137 mm

Transmitter weight: 1.970 Kg with battery

Receiver dimensions: 224 x 130 x 87 mm

Receiver weight: 1,370 Kg

Transmitter waterproofing: IP65

Receiver waterproofing: IP66

Operating temperature: -30°C to +70°C

Type of organs:

Wireless joysticks with Hall effect
3 positions toggle switches, protected with waterproof caps
ON/OFF power switch
Emergency stop push/turn

Technology:

Radio with automatic frequency synthesiser
(16 frequencies)

Frequency range: 433 - 434 MHz

Radio range: 300 m in open field

Transmitter carrying: belt

Transmitter power supply:

Pluggable battery in stainless steel box
12V/1500 mAh

Autonomy 16h

Charging time under 2h with smart quick charger

Receiver power supply:

Battery 24V/9 Ah

Autonomy of 8h with horizontal sweeping

Charging time under 5h with smart charger

Receiver connection:

Sealed disconnectable connectors IP67

Remote-controlled features:

Vertical (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Adjustable flow rate (on-off control)
Telescopic tube (up and down)
Valve (open / close)
Emergency stop

Configurable settings:

Horizontal sweeping angle
Attack position of the monitor
Storage position of the monitor
Position display (optional)

Human-machine interface:

7 segments 2 digits display

Options:

Spare battery for the transmitter
Transmitter charger 24VDC
Monitor position display
Transmitter/receiver wired transmission
Long receiving antenna
230 VAC Power supply for the receiver

Designation

Full system control

Ref.

26646

TECHNO V2

The control system TECHNO V2 allows wired control of all POK EasyDrive© compatible fixed monitors.

Equipped with the main electrical safety functions (switch-disconnector, circuit breaker), the control cabinet is fit with a latest-generation on-board PLC, the most efficient on the market, which controls the monitor and dialogue with the operator.

In combination with the monitors integrated encoder motors, the control system eliminates any mechanical stress thanks to a highly sophisticated position control algorithm.

A backup battery system provides power to the monitor when the main power is off.

Associated with its smart charger, spare batteries are always kept at an optimum charge level.

The wired remote control is connected via a CANopen bus by cable. If the distance between these two elements were to exceed a few hundred metres, a fibre optic connection would be used.

An automatic operating mode triggers the sweeping of the monitor in the event of a fire.

Thanks to its compact and lightweight (less than 2 kg) ventral console, the remote control offers the performance and safety essential for the monitors smooth operations.

Its strong and original (wireless) manipulators allow a flexible and very precise control of the horizontal and vertical movements and of the diffuser.

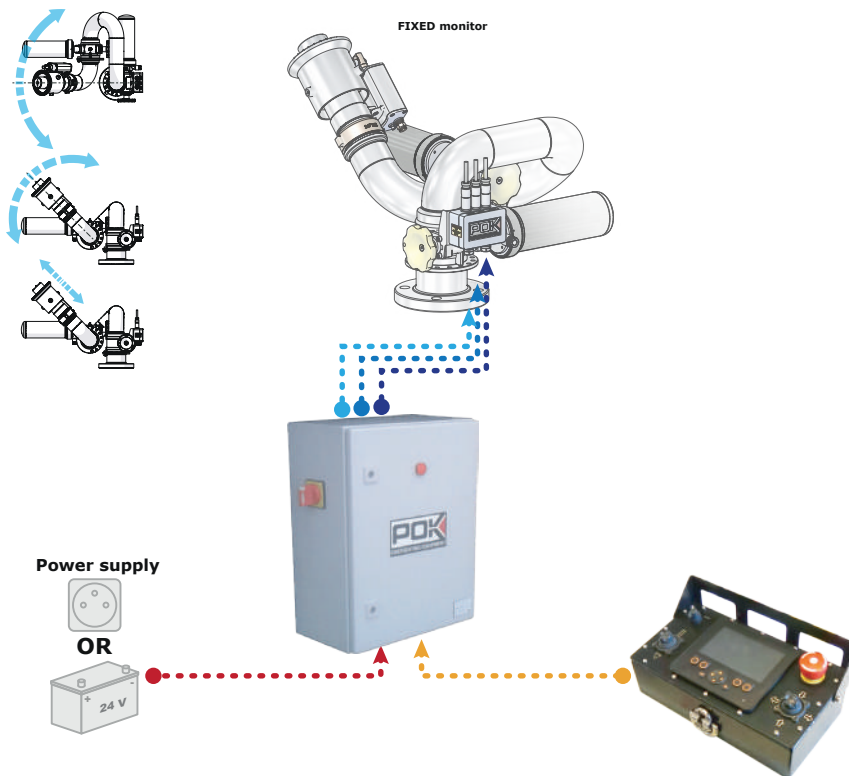
Additional options ergonomically placed on the interface allow the control of a valve and the selection of the operating mode (automatic or manual).

A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard.

A graphic display of 4.3 inches (optional) provides in real time the position of the monitor and informs the operator about the status of the set-up (current sweeping, level of the battery charge, installation setting, storage and attach).

The automatic sweeping in the horizontal and vertical directions can be started by simply pressing a push button.

Electronic stops configured using an intuitive configuration menu allows defining the monitors position at any time. This system allows up to two monitor to be controlled from the same control panel (one monitor at a time).



Power supply:

230 VAC - 16A - 50 Hz
Spare batteries (optional) 24V - 18 Ah

Connection:

Sealed disconnectable connectors IP67

Operation modes:

Manual: movements control by remote control
Automatic: automatic sweeping triggered by external data (hot spot detection)

Remote-controlled features:

Vertical (proportional control with sweeping option)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Valve (open / close)
Emergency stop

Configurable settings:

Electronic stops
Attack position of the monitor
Storage position of the monitor
Position display
User-defined area sweeping

Designation

Techno V2 wired remote control set, with 230 VAC/50Hz power supply for the receiver, battery backed up

Techno V2 wired remote control set, with 230 VAC/50Hz power supply for the receiver, not battery-backed

Ref.

TC009277

TC009279

KWICS V1

KWICS control systems allow the wired serial control of brush motor monitors via a proprietary POK network.

Thanks to its compact transmitter and its low weight (less than 2kg), the system offers the performance and safety essential for monitor control with peace of mind.

The robust and original (wireless) manipulators allow flexible and highly precise vertical and horizontal movement and diffuser control.

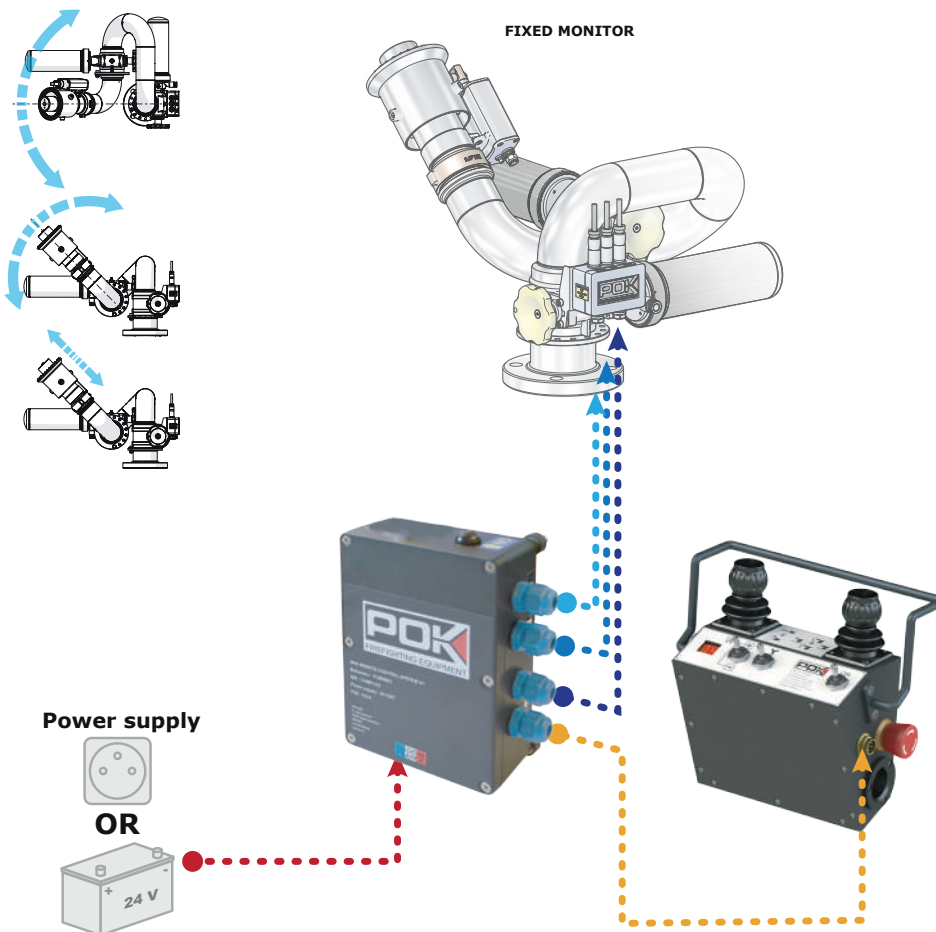
A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard.

An interactive two-digit display informs the operator of the system status.

The automatic sweeping in the horizontal and vertical directions can be started by simply pressing a push button.

The local transmitter is powered by the receiver via a POK supply cable. Mechanical stops are set intuitively and automatically.

The control transmitter can be connected to two different connection points (in acabin and outside a vehicle for example) using the junction box supplied by POK.



Housing:

Aluminium 5005, thickness 2.5 mm
Colour RAL9005
Plastic coated

Transmitter dimensions: 225 x 204 x 123 mm

Transmitter weight: 1,4 Kg

Receiver dimensions: 196 x 121 x 82 mm

Receiver weight: 0,91 Kg

Transmitter waterproofing: IP65

Receiver waterproofing: IP66

Operating temperature: -30°C to +70°C

Type of organs:

Wireless joysticks with Hall effect
3 positions toggle switches, protected with waterproof caps
ON/OFF power switch
Emergency stop push/turn

Technology: wired

Connectors: BINDER 09-0123-00-06

Transmitter carrying: belt

Transmitter power supply:

From the receiver - 24v rated voltage - 2 pairs of shielded 2x2x0.25mm² cables

Receiver power supply:

Direct current 24 VDC - Voltage range 20.1V - 30V

Remote-controlled features:

Vertical (proportional control)
Horizontal (proportional control)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Emergency stop

Configurable settings:

Vertical sweeping angle
Attack position of the monitor
Storage position of the monitor

Human-machine interface:

7 segments 2 digits display

Designation

KWICS V1 control unit, supplied with a 20m connection cable and two junction boxes

Ref.

TC010544

COBRA V2

The COBRA V2 system has been specifically developed for monitor control on fire-fighting vehicles (trucks or boats). The COBRA V2 system allows the control of the monitor located on the roof or bumper by means of a joystick located in the cabin.

It is connected to its control panel through an industrial bus of type CANOpen.

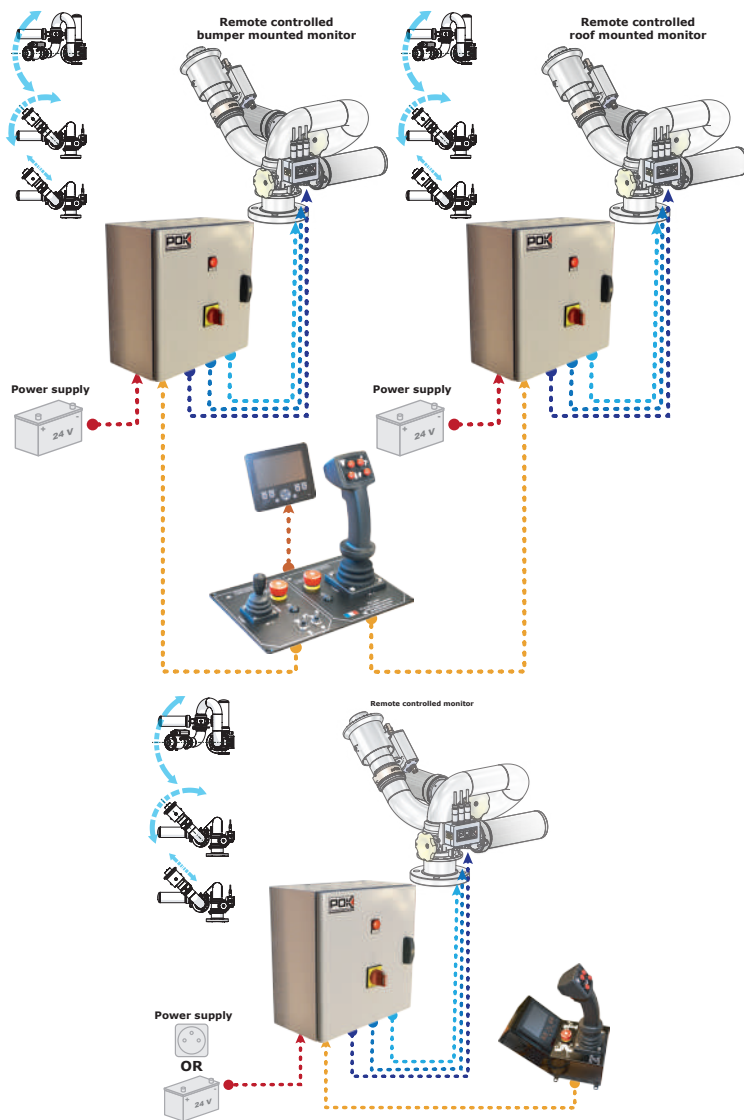
A 4.3" graphical display (optional), also present in the cab, allows real time monitoring and configuration of the monitor.

In order to fit perfectly into the vehicle's dashboard, POK can also deliver a drivers station entirely adapted to the vehicle (supply of boards with joystick, emergency stop button, push buttons, etc.).

The control cabinets are in the form of electrical boxes (400x400x200mm) in which all the electronic and electrical equipment is located. These control cabinets are located in the immediate area of the motorised monitors.

The control joysticks, placed at a different location from the monitors, allow their control. The figure below shows an example of control over a bumper mounted monitor (left joystick) and a roof mounted one (right joystick) by means of a console directly integrated in the dashboard of a truck. The addition of an emergency stop button or any other control device makes it possible to respect the control mode and the ergonomics imposed by the user.

A simpler configuration (bottom figure) shows an "all in one" system in which the joystick, display and control elements are grouped together in the same housing.



Transmitter dimensions: to be defined according to customer requirements
Receiver dimensions: 400 x 400 x 200 mm
Receiver weight: 11,6 Kg
Screen dimensions: 110 x 125 x 40 mm
Screen weight: 0,29 Kg

Receiver waterproofing: IP66
Operating temperature: -20°C to +65°C

Technology: wired via CANOpen bus - 250 kbaud

Transmitter power supply:
 From the receiver - Rated voltage 24V - Consumption 260 mA

Receiver power supply:
 Direct current 24 VDC - Consumption 200 mA

Type of transmitting organs:
 Wireless joystick with hall effect
 3 positions toggle switches, protected with waterproof caps
 ON/OFF power switch
 Emergency stop push/turn
 Push buttons

Type of transmitting organs:
 256 color LCD display - Size 4.3" - Resolution 480 x 272 px - Backlit
 6 push buttons
 1 navigation button

Remote-controlled features:
 Vertical (proportional control)
 Horizontal (proportional control)
 Diffuser (on-off control)
 Duckbill nozzle (on-off control)
 Automatic sweeping (on-off control)
 Storage / attack position (on-off control)
 Emergency stop

Customizable settings:
 Sweeping angle
 Attack position of the monitor
 Storage position of the monitor
 Position display (optional)

Designation

Ref.

COBRA V2: automatic cabinet	TC010281
COBRA V2, wired transmitter with display, double joysticks, platinum version	TC010468
COBRA V2, wired transmitter with display, simple joystick, box version	TC010084

eNet V1

Doubtlessly, the most adapted system on the market to operate a set of networked monitor. It allows to control up to 8 monitor through an industrial Ethernet bus.

Numerous control points (wired and wireless) allow the monitor to be operated safely from several locations at the same time (priority management).

The use of fibre optics makes it possible to move the control points several kilometres away from the monitor.

A 10.4" colour graphic display shows the position of the monitor in real time and provides a video feedback (if the monitor is fit with a camera).

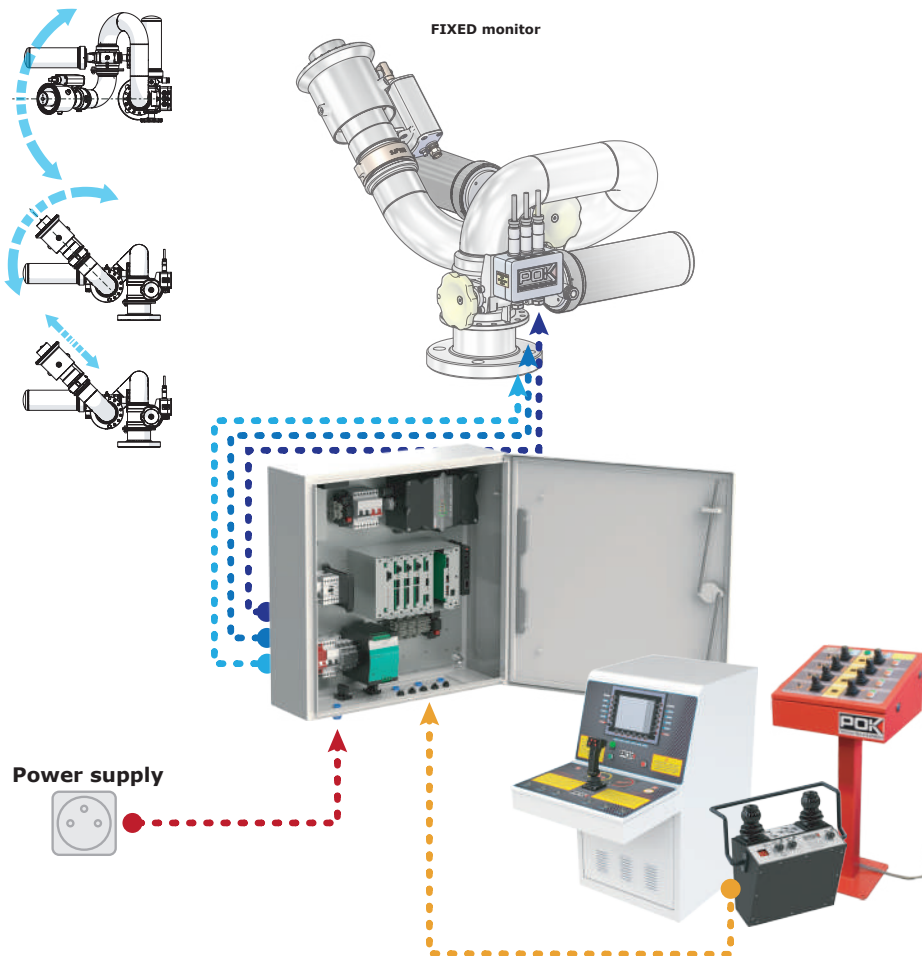
The control cabinet is in the form of an electrical box (600x600x200 mm) containing all the electronic and electrical equipment.

A 24V / 9Ah back-up battery ensures the continuity of the power supply in case of loss of the 230 VAC mains voltage.

This control cabinet is placed in the immediate proximity of the monitors. In the case of special applications that require the control cabinet to be moved away from the monitor, a set of specific cables can be supplied (length greater than 200m).

The robust and original (wireless) manipulators allow flexible and highly precise vertical and horizontal movement and diffuser control.

A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard. A two-digit interactive display or LCD screen informs the operator of the system status. The automatic sweeping in the horizontal and vertical directions can be started by simply pressing a push button. The radio transmitter is powered by an external battery.



Characteristics of the control cabinet: 600 x 200 x 600 mm
Weight of the control cabinet: 7 Kg
Dimensions of the portable transmitter (radio or wired): 225 x 204 x 123 mm
Transmitter weight: 1,4 Kg
Dimensions of the main control desk: 1135 x 650 x 1150 mm
Weight of the main control desk: 9 Kg
Dimensions of the remote transmitter: 490 x 460 x 1040 mm

Waterproofing: Transmitters - IP65, Cabinet - IP66
Operating temperature: -30°C to +70°C

Power supply of the control cabinet:
 Voltage 90-264 VAC - Frequency 47-63 Hz - Current 0.5A

Emergency power supply to the cabinet:
 Li-Ion Battery - Capacity 24V / 9 Ah

Transmitter power supply:
 Battery NI-MH - Voltage 13.6 V - Consumption 40 mA

Power supply of the main control desk:
 Voltage 90-264 VAC - Frequency 47-63 Hz - Current 1.2A

Remote transmitter power supply:
 Voltage 88-264 VAC - Current 0.3A

Type of organs cabinet:
 2 operating lights

Type of organs portable transmitter:
 2 wireless joysticks with hall effect
 3 positions toggle switches, protected with waterproof caps
 ON/OFF power switch
 Emergency stop push/turn
 7 segments 2 digits display

Type of organs main control desk:
 Wireless joystick with hall effect and with push buttons
 ON/OFF power switch
 Push button emergency stop
 10.4" TFT colour display with 18 function keys

Type of remote transmitter organs (control of 4 monitors):
 8 wireless joysticks with hall effect
 4 3-positions toggle switches, protected with waterproof caps
 2 simple push buttons
 4 double push buttons
 7 segments 2 digits 4 displays

Remote-controlled features:
 Controls up to 8 monitor, varies according to model
 Vertical (proportional control)
 Horizontal (proportional control)
 Diffuser (on-off control)
 Duckbill nozzle (on-off control)
 Automatic sweeping (on-off control)
 Storage / attack position (on-off control)
 Emergency stop

Customizable settings:
 Vertical and horizontal sweeping angle
 Attack position of the monitor
 Storage position of the monitor

Designation	Ref.
Wired portable transmitter eNet V1, for other references, please contact our sales department	TC009808.F

V2 Elevator control box

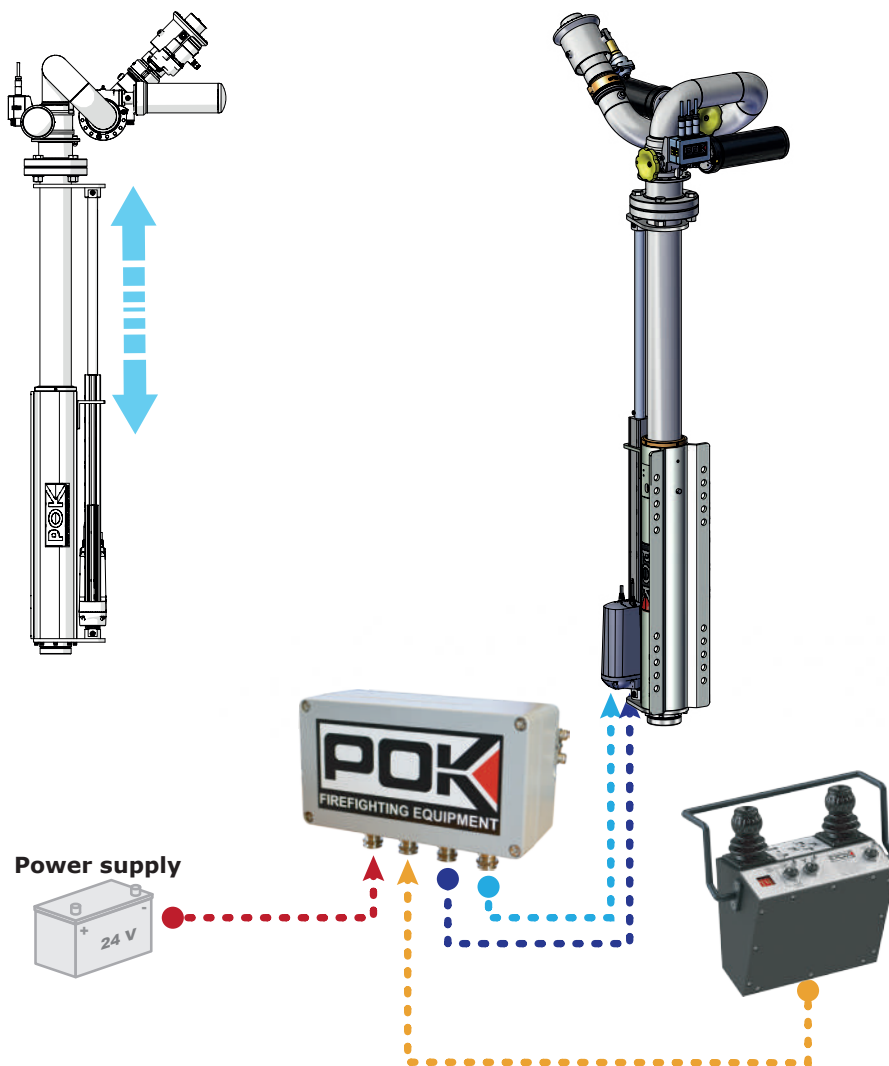
POK elevators are designed to work with most of our fixed monitors. The control box guarantees safe use of the elevator.

The upper and lower limit switches automatically stops of the movements when the elevator reaches its maximum or minimum position.

In case of failure of the limit switches, a current measurement allows to stop the movement when the elevator reaches its maximum or minimum position.

Signalling LED placed on the electronic board provide the elevators present operational status and allow to troubleshoot it easily.

Finally, electromechanical relays provide galvanic isolation between the elevator powering and the control electronics.



Box dimensions: 220 x 120 x 81 mm
Transmitter weight: 1,94 Kg
Waterproofing: IP66
Operating temperature: -30°C to +65°C
Power supply:
 24 VDC - Consommation < 100 mA

Designation	Ref.
V2 elevator control box	TC010258

Li-Ion battery charger

Equipped with all safety features (short-circuiting, over-voltage, overloading, polarity reversing), this charger allows you to charge the Li-Ion batteries of all EasyDrive© compatible monitor with complete peace of mind.

Particularly intelligent, the charge is done in 3 steps, pre-charge, slow charge at stable current and then charge at stable voltage, thus guaranteeing a battery life of more than 1000 cycles; a led indicator allows to visualize the state of the charge in progress.

Equipped with an output cable with a connector, the charger connects directly to the battery. Thanks to its technology, it can be connected to all supply networks without any adaptation.



Input voltage: 100 to 240 VAC - 50to 60 Hz - 1.8 A
Power consumption: < 2.0 W without charge
Input current at full load: < 1.8A
Nominal output voltage: 24V
Maximal output voltage: 29.2 V +/- 0.25 V
Output current: 2 A +/- 0.2 A
Efficiency: > 80%
Ripple: < 1% of the output voltage
Protection: Short-circuit, over-voltage, overload, reverse polarity

Dimensions: 120 x 60 x 30 mm
Weight: 280 g

Charging in 3 steps: pre charge, constant current charge, constant voltage charge
Charging time: under 5 h

Operating temperature: 0 to +40°C
Storage temperature: -20°C to +60°C
Humidity: < 65%

Connectors: BINDER 6-contact male plug ref. 99-5622-15-06

Length of the output cable: 25 cm +/- 1 cm

Wiring: 1/NC, 2/NC, 3/+ Charge, 4/- Charge, 5/NC, 6/NC

Red LED: Charge in progress

Green LED: Full charge or no battery connected

Designation

Li-Ion battery charger

Ref.

28188

Li-Ion 24V/9Ah battery

The POK Li-Ion battery supplies power safely (thanks to its latest generation intrinsic safety features) for all EasyDrive© compatible monitors.

Its large capacity (9Ah) guarantees an autonomy of 8 hours in horizontal sweeping.

Equipped with a 4 LED charge indicator, its remaining capacity can be easily checked.

Combined with its intelligent charger, the battery can be charged in less than 5 hours, guaranteeing almost 1000 charge cycles.

Thanks to its pin fastening system and its detachable connector, the battery can be removed very quickly.

An IP66 waterproof respirator eliminates any condensation or mold that may appear inside the case during temperature variations.

As the whole battery is IP66, it can be exposed to water splash without any problem.



Configuration: 8 cells
Chemical elements: LiFePO4 (LFP) Lithium - Iron - Phosphate
Nominal voltage: 24 V
Nominal capacity: 9 Ah
Energy: 216 Wh
Output impedance: ≤ 1000 mΩ

Waterproofing: IP66

Dimensions: 255 x 170 x 90 mm
Weight: 2,9 kg

Lifetime: ≥ 1000 cycles at 0.2 C of the charging current (> 80% of the initial capacity)

Charging method: Constant current then constant voltage

End of charge voltage: 29,2V

Charging current: 0.2C

Charging time: 5 h

Standard discharge condition: 0.2C

Discharge time: 4.5 to 5h

Cut-off voltage in discharge: 16,0V

Cut-off intensity in discharge: 10A

Temperature when in-charge: 0 to +45°C

Temperature when discharging: -10°C to +60°C

Operating temperature: -10°C to +60°C

Storage temperature: -20°C to +50°C

Connectors: BINDER 6-contact female plug ref. 99-5622-15-06

Cable length: 25 cm +/- 1 cm

Wiring: 1/+24V, 2/GND, 3/+Charge, 4/GND Charge, 5/NC, 6/NC

Battery level: Indication of the battery charge level by 4 LED

Push button: Indicates the battery charge level by pressing it

Designation

Li-Ion Battery 24V / 9Ah

Ref.

28157

NiMH battery charger

This quick charger allows you to charge Ni-MH batteries of FULL transmitters in 2 hours in complete safety.

This smart charger detects the end of the charge and applies a maintenance current trickle to the battery ; it is possible to leave the battery in the charger even after the end of charge.

A red LED indicates the end of charging (light off).

A green LED indicates that power is ON.

Featuring convection holes, charger cooling is done naturally.

A safety timer can cut the load after three hours if a full charge is not detected.



Input voltage: 230 VAC - 50 Hz (24 V on demand)
Charging done in 3 steps: application of a constant current - end of charge detection - application of a maintenance current
Weight: 1700 g
Operating temperature: 0, +40°C
Green LED: power ON
Red LED:

On: charge in progress,
Off: fully charged

Designation	Ref.
NiMH battery charger	TC000995

NiMH battery

The POK NiMH battery allows the FULL range transmitters to be powered in complete safety thanks to its intrinsic safety features.

This battery capacity is 1500 mAH for a nominal voltage of 12V, ensuring an autonomy of 16 hours of our transmitter.

The battery can be charged in 2 hours thanks to its smart charger (TC000995) guaranteeing a lifetime of 500 charge and discharge cycles.

Completely sealed and protected by a stainless steel case, the battery is protected against mechanical impact and water ingress.



Configuration: 10 cells of 1.2V
Chemical elements: Nickel-Metal Hydride (Ni-MH)
Nominal voltage: 13,6V
Nominal capacity: 1500 mAh
Output impedance: < 250 mohms
Dimensions: 76 x 58 x 30 mm
Weight: 355 grs
Lifetime: 500 cycles at C/2
Operating temperature: 0°C to +40°C
Extreme operating temperature: -20°C to +60°C (less than 1 month)
Storage temperature: +5°C to +25°C

Designation	Ref.
NiMH battery	TC006022

STACS

Stacs is the first BUS CAN J1939 compatible firefighting vehicle mounted monitor control system using intelligent brushless motor technology.

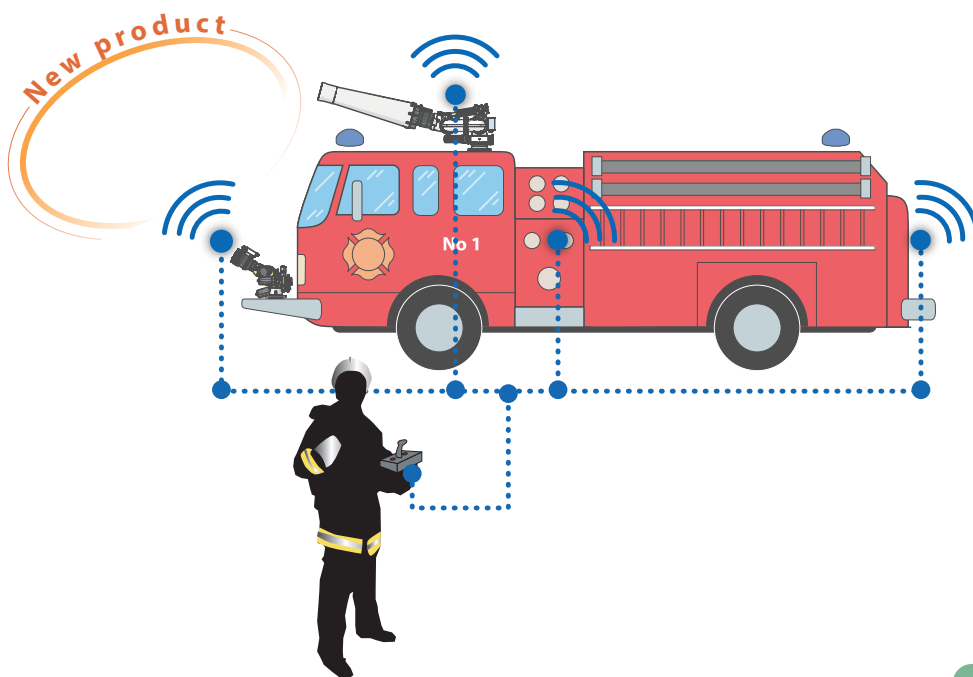
It allows several monitor (roof and bumper mounted) to be controlled from different locations and offers great flexibility of use (from the cab, or from outside the vehicle by wired or radio connection).

Stacs is fully customizable and thus adapts to any type of vehicle, whatever the existing constraints and obstacles. It meets user requirements, guaranteeing intuitive operation in complete safety and in any type of situation. The different control technologies used (from the cab, radio or wired) allow the user(s) to control the monitors with great precision while staying as close as possible to the action.

Stacs is a modular "plug and play" solution that makes it very easy to extend functionality to other uses (additional monitor, new control point, ordering accessories, etc.).

A unique configuration tool is provided with the Stacs solution, guaranteeing users real programming autonomy.

POK ensures a complete training during the installation of the system and can offer you a ready-made solution adapted to your real needs.



Motorised monitor DN80 KALIPYGE



STACS - Smart receiver

The TC010406 bus manager allows to control all messages that pass through the J1939 CAN bus of the STACS monitor.

It also allows the control of the diffuser or disperser, which would be connected via a 6-pin BINDER plug-in connector.

Equipped with a radio interface, the TC010406 bus manager also manages communication with the TREASY TC010840 wireless transmitter.

Equipped with the latest novelties, the bus manager offers the performance and safety required to drive the STACS monitor with complete peace of mind.

A highly original and automatic frequency scan allows the remote control to operate even in the presence of external electromagnetic disturbances.

A redundant and self-monitoring external emergency stop push button can be connected to the bus manager; it allows the operator to immediately stop all movements in the event of a hazard.

The connection to the CAN bus is very easily made through a 1 meter stub (010788).

The bus manager is supplied with 2 insulated crimp terminals.



Dimensions: 130 x 90 x 50 mm
Weight: 450 gr

Waterproofing: IP67
Operating temperature: -30°C to +70°C

Power supply:
24 VDC, voltage range 9-36 V
Consumption: 40 mA

Technology: LBT (Listen Before talking), 16 frequencies
Frequency range: 433 - 434 MHz
Radio range: 150 m in open field

Outlets:
3 outputs (Vertical direction, Horizontal direction, Diffuser/Disperser, Flow (optional))
Cable gland M12

Indicators:
3 LED

Designation
STACS - Smart receiver

Ref.
TC010406

STACS - TREASY radio transmitter

The TREASY transmitter allows radio control of POK STACS monitors.

This ultra-compact transmitter, weighing less than 300 grams, offers the performance and safety essential for operating monitors.

The double push-buttons allow flexible and precise control of the vertical and horizontal movements as well as of the diffuser.

A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately if a hazard occurs.

A highly original and automatic frequency scan allows the remote control to operate even in the presence of external electromagnetic disturbances.

An interactive LED display informs the operator of the system status.

Automatic horizontal sweeping can be started at the push of a button.

Thanks to the use of high-capacity rechargeable batteries, the remote control has an autonomy of more than 16 hours in continuous operation; it can be recharged using a standard quick charger (TC009744) or using the wireless charging station (TC010804).



Dimensions: 198 x 70 x 44 mm
Weight: 292 gr (with 2 batteries)

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Power supply:
2 rechargeable batteries 1.2V - 2500 mAh - NiMH technology
Autonomy: >16 h in continuous use

Technology: LBT (Listen Before talking), 16 frequencies
Frequency range: 433 - 434 MHz
Radio range: 150 m in open field

Type of organs:
4 single push buttons
4 double push buttons
1 push/turn type emergency stop button
1 commissioning key
5 tricolour surveillance LED

Remote-controlled features:
Vertical (Slow, quick)
Horizontal (Slow, quick)
Diffuser (Quick)
Duckbill nozzle (Quick)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

Designation
STACS - TREASY radio transmitter

Ref.
TC010840

STACS - Radio or wired transmitter TREASY, 12 buttons

The TREASY wired transmitter allows the wired control of POK STACS system monitors. This ultra-compact and lightweight (341g) transmitter offers the performance and safety essential to operating monitors.

Double push-buttons provide smooth and precise operation of the vertical and horizontal movements as well as of the diffuser. 4 additional buttons also allow the control of the flow rate, accessories (valve, lighting) and any other device connected to the CAN BUS.

A redundant, self-monitoring, emergency-stop push button allows the operator to stop all movements immediately in the event of the appearance of a hazard.

Thanks to its wired connection to the monitor, the transmitter requires no battery power.

An interactive LED display informs the operator of the system status.

Automatic horizontal sweeping can be started at the push of a button.

The connection to the network is made through one or more gateways (TC010801) that are placed at the desired location.



Designation	Ref.
STACS - CANBUS gateway - RS485	TC010801
STACS - Wired transmitter FULL for STACS	TC010802
STACS - Radio transmitter FULL for STACS	TC010994

Dimensions: 244 x 70 x 44 mm
Weight: 341 gr

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Power supply:
Through the gateway connection cable (24V-0.1A)

Type of organs:
8 single push buttons
4 double push buttons
1 push/turn type emergency stop button
1 commissioning key
5 tricolour surveillance LED

Remote-controlled features:
Vertical (Slow, quick)
Horizontal (Slow, quick)
Diffuser (Quick)
Duckbill nozzle (Quick)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop
Other functions to be defined

STACS - Configuration tool

The configuration tool allows customizing POK STACS system monitors through radio waves. This ultra-compact tool, with a very low weight (less than 300 gr), allows the STACS monitor to be configured independently, without any external help, in an extremely simple, intuitive and precise manner.

The double-press push buttons allow flexible and precise control of vertical and horizontal movements.

This unique tool allows you to configure all STACS monitors.

During the configuration phase, the operator will be able to set:

- The right operating stop in horizontal movement (also called right electronic stop or straight stop),
- The left operating stop in horizontal movement (also called left electronic stop or left stop),
- The high operating stop in vertical movement (also called electronic high stop or high stop),
- The lower operating stop in vertical movement (also called lower electronic stop or lower stop),
- The attack position of the monitor,
- The storage position of the monitor,
- The course of the monitor (obstacle avoidance).



Designation	Ref.
STACS - Configuration tool	TC010803

Dimensions: 180 x 70 x 35 mm
Weight: 288 gr (with 2 batteries)

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Power supply:
2 rechargeable batteries 1.2V - 2500 mAh - NiMH technology
Autonomy: >16 h in continuous use

Technology: LBT (Listen Before talking), 16 frequencies

Frequency range: 433 - 434 MHz
Radio range: 150 m in open field

Type of organs:
4 single push buttons
4 double push buttons
1 push/turn type emergency stop button
1 commissioning key
5 tricolour surveillance LED

Remote-controlled features:
Setting the right stop
Setting the left stop
Setting the upper stop
Setting the lower stop
Setting the attack position
Setting the storage position
Setting the course
Emergency stop

STACS - In-cab joystick

The cabin joystick allows the monitor to be controlled any time it is available (not used by another control system). Equipped with 6 push buttons, it allows to control the vertical movement, the horizontal movement, the diffuser, the flow rate, as well as to put the monitor in attack position and in storage position.

Ergonomically shaped (designed to be handled even with gloves on), the joystick is held in your full hand and requires only one hand to control all movements.

The robustness of the latter (maximum load of 180 kg on the handle) allows intense use even in a space as small as the cab of a truck or on rough terrain.

The control of vertical and horizontal movements is done by tilting the joystick handle, thus allowing a very precise progressive movement (deflection angle of 20°).

Numerous safety features (dead man, order discrimination) and on-board operating assistance allow the monitor to be controlled with complete peace of mind.

With a "plug and play" design, the addition of the joystick is done naturally in the STACS system.

Continuous monitoring of the communication between the monitor and the joystick allows to detect an interruption of the circuit and leads to a complete stop of the circuit's movements.



Dimensions: 85 x 118 x 256 mm
Weight: 800 gr

Front waterproofing: IP67
Operating temperature: -40°C to +85°C

Supply voltage:
6 – 35 VDC

Technology: wireless hall effect, redundant
Deflection: +/- 20° for X and Y
Maximum load on the axis: 1780 N
Lifetime: 10 million cycles
Connection: DEUTSCH connector, DTM4-06

Type of organs:
2 axes with back to center
6 single push buttons
1 dead man switch

Remote-controlled features:
2 functions available (to be defined by the user)
Vertical (proportional control)
Horizontal (proportional control)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

Designation

STACS - In-cab joystick

Ref.

TC010600

STACS - In-cab mini joystick

The cabin joystick allows the monitor to be controlled any time it is available (not used by another control system).

Ergonomically shaped (designed to be handled even with gloves on), the joystick is held in your full hand and requires only one hand to control all movements.

The robustness of the latter allows a more intensive use even in a space as small as the cab of a truck or on rough terrain.

The control of vertical and horizontal movements is done by tilting the joystick handle, thus allowing a very precise progressive movement.

Order discrimination and on-board operating assistance allow the monitor to be controlled with complete peace of mind.

With a "plug and play" design, the addition of the joystick is done naturally in the STACS system.

Continuous monitoring of the communication between the monitor and the joystick allows to detect an interruption of the circuit and leads to a complete stop of the circuit's movements.



Dimensions: 104 x 68 x 74 mm
Weight: 190 gr

Waterproofing: IP67/IP69K
Operating temperature: -40°C to +85°C

Supply voltage:
12 – 36 VDC

Technology: wireless hall effect

Type of organs:
2 axes with back to center
6 single push buttons

Remote-controlled features:
Vertical (proportional control)
Horizontal (proportional control)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

Designation

STACS - In-cab mini joystick

Ref.

TC010618

STACS - Keyboard 8 keys

The keypad allows the monitor to be controlled any time it is available (not used by another control system).

Ergonomically shaped (designed to be handled even with gloves on), the keypad is held in your full hand and requires only one hand to control all movements.

The robustness of the latter allows a more intensive use even in a space as small as the cab of a truck or on rough terrain.

The LED present on each button inform the operator of the monitors movements progress, even if the keypad is not being used (during normal operation or during the configuration phase).

Order discrimination and on-board operating assistance allow the monitor to be controlled with complete peace of mind.

With a "plug and play" design, the addition of the keypad is done naturally in the STACS system.

Continuous monitoring of the communication between the monitor and the keypad allows to detect an interruption of the circuit and leads to a complete stop of the circuit's movements.



Dimensions: 110 x 60 x 29 mm
Weight: 190 gr

Waterproofing: IP67/IP69K
Operating temperature: -40°C to +85°C

Supply voltage:
12 - 36 VDC

Technology: membrane keyboard
Lifetime: 1 million cycles / button
Connection: DEUTSCH connector, DT06-4S

Type of organs:
8 single push buttons
3 LED / button

Remote-controlled features:
Vertical (Quick)
Horizontal (Quick)
Diffuser (Quick)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)

Designation

STACS - Keyboard 8 keys

Ref.

TC010619

STACS - Bird view

Essential driving aid for controlling the fire-fighting vehicle during perilous manoeuvres (reversing, narrow passages, etc.)

Equipped with 4 Full HD 1080P IP69K cameras, the system offers outstanding image quality. It connects to the vehicle's main display (7" or 10") via a simple video connection.



Box set:
Dimensions: 300 x 300 x 150 mm
Sealing: IP66
Power supply: 8-32V / 2 A
Operating temperature: -20°C / +70°C
Video Outputs: HDMI 1080P - AV OUT

Camera:
Dimension: 1/2.9" Sony CMOS
Nb pixels: 1920 (H) x 1080 (V)
Resolution: 1080P
Operating temperature: -20°C / +70°C
Sealing: IP69K
Number: 4

Options:
Additional camera (to be defined)
Monitor 10"

Designation

STACS - Bird view

Ref.

TC010921

STACS - Fixed DN40 monitor, stainless steel

This stainless steel monitor is one of the most compact in its range.

It has the advantage of being compatible with the STACS system and is equipped with Deutsch connectors (offering excellent waterproofing).

Its low weight and extremely compact dimensions give it undeniable advantages when mounted on bumpers or small fire-fighting vehicles. It offers a flow rate of 1000 lpm.

Equipped with very high performance motors, this monitor can be operated by the latest generation STACS radio or wired control systems.



Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -60° to +60°
Horizontal adjustment: motorised and emergency screw
Vertical movement: from -40° to +75°
Vertical adjustment: motorised and emergency screw
Power supply: 24V Direct Current
Rotation speed: 12°/s

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" male NST-NH	40	333 x 330 x 414	10	44395

Options: inlet flange, outlet equipments, control system

STACS - Agelasto, DN50 monitor

The Agelasto monitor is the latest STACS-compatible monitor specifically developed for firefighting vehicles, offering exceptional performance (2500 lpm), and able to be fit with a diffuser.

This monitor is the ideal compromise for firefighting vehicles roof equipment, allowing a rotation angle in horizontal movement of nearly 360°.

Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions), and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -177.5° to +177.5°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -45° to +94°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 12°/s
Power supply: 24V Direct Current

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Fixed 2" female BSP	2" male BSP	50	348 x 221 x 312	12	47790
FF 2" BSP Quick connect	2" male BSP	50	348 x 221 x 312	12	47797

Options: inlet flange, outlet equipments, control system, "quick connect" inlet

STACS - Kalypige, DN80 monitor

The Kalypige monitor is the most compact monitor on the market, offering exceptional performance (4000 lpm), and able to be fit with a diffuser.

This monitor is the ideal compromise for firefighting vehicles roof equipment, allowing a rotation angle in horizontal movement of nearly 360°.

Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -180° to +180°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -35° to +85°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
3" male BSP	2.5" male NST-NH	500	400 x 360 x 410		44048
Flange DN100 ASA 150	2.5" male NST-NH	80			44041

Options: inlet flange, outlet equipments, control system

STACS - Florence, monitor DN80

Due to its original construction (only one foundry), this monitor is the simplest and the most compact of the 3" monitor range. Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).



Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	2.5" male NST-NH	80	•	464 x 443 x 507	35	44111
4" male BSP	2.5" male NST-NH	80	•	464 x 443 x 507	33	44113

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168 to +168°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -30 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 11°/s
Power supply: 24V Direct Current

Options: inlet flange, outlet equipments, control system, feedback with potentiometers

STACS - Agelasto, fixed monitor DN100

The Agelasto monitor is the latest STACS-compatible monitor, specifically developed for fire-fighting vehicles offering exceptional performance (7500 lpm), and can be fit with a diffuser or branchpipe with duckbill nozzle.

This monitor is the ideal compromise for firefighting vehicles roof equipment, allowing a rotation angle in horizontal movement of nearly 360°.

Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	3.5" male NST-NH	100	462 x 299 x 482	19	44051

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 355°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -45 to +120°
Vertical adjustment: motorised and emergency handwheel
Movement speed : 13°/s horizontally
 5°/s vertically
Power supply: 24V Direct Current

Options: inlet flange, outlet equipments, control system

STACS - Fixed monitor DN100

Its original design makes it essential in installation such as warehouses, vehicles, waste recycling centers, platforms, and so on, when a continuous use is necessary in the roughest environments.

It is available with various inlet flanges.

Several outlet equipment (diffusers, self-educing diffusers, water and water-foam branchpipe, with or without duckbill nozzle) work with a maximum flow rate of 7500 lpm at 7 bar at the monitor outlet.

As it is PN16, it can support unplanned high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by wired or wireless command systems allowing extremely fast, precise and progressive movements.

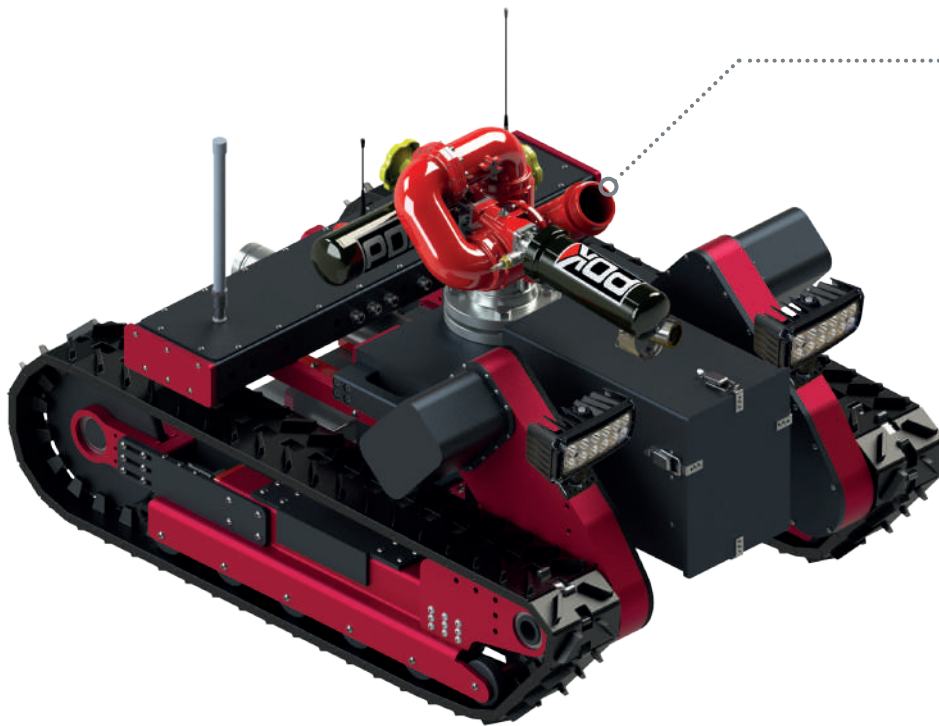


Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	3.5" male NST-NH	100	•	539 x 499 x 426	43	44495

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

Options: inlet flange, outlet equipments, control system

JUPITER - Robotic monitor



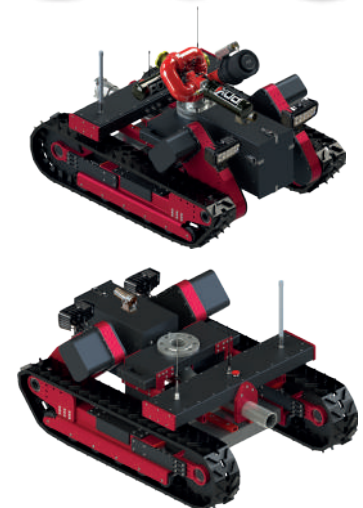
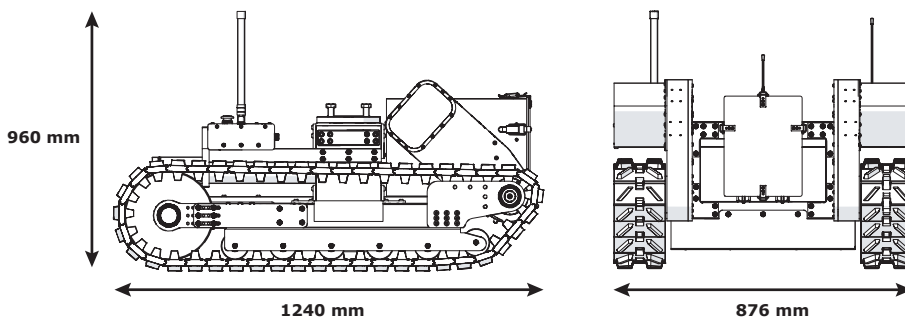
Recommended outlet equipment
Ø 2.5"
Flow rate 2400 lpm

Payload capacity: 340 kg
Speed: 2.6 Km/h (regardless of load)
Crossing capacity: 265 mm
Slope up / down: 31°
Tilting angle: 28°
Braking distance: 0 meter
Turning radius: 770 mm
Straight-line deviation: < 1°
Autonomy: 2/4 hours with 1 or 2 batteries
Radio range: more than 200 m in open field
Waterproofing: IP66
Digital video transmission: yes, on control console
Submersible camera: 976 x 582 px
Long-range projectors: IP67
Battery: 48 V - 26.1 A.h / battery

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -90° to +90°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s

Designed to negotiate slopes of up to 31°, depending on the elastomer tracks ground contact.

Motorized
Engineering
Vertical range
Horizontal range



The JUPITER is, to date, the only robot in the world to be entirely designed, developed, and manufactured by a firefighting equipment manufacturer. Ultra compact (0.88x1.25x0.91m), it is controlled by a single remote control (robot and monitor) and is the essential tool for fighting fires in the most confined spaces (tunnels, car parks, etc.) or when human lives are under serious threat.

Equipped with a 2.5" POK monitor, it offers a flow rate of 2500 lpm in full or diffused spray. Equipped with a frontal high-performance, high-resolution camera, the driver has high-quality video feedback on a 10.1" display in a carrying case.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	Flange DN65 PN16	65	1248 x 878 x 753	193	41320 *
2.5" male BSP	2.5" male NST-NH	65	1248 x 878 x 960	260	44393

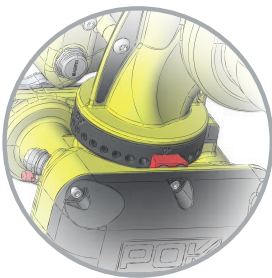
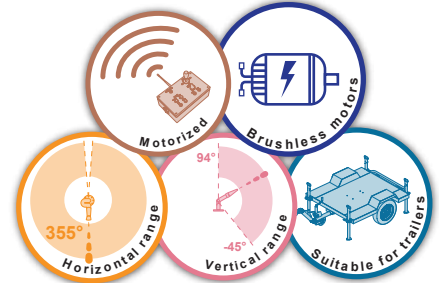
*Reference of the robot alone, monitor to be defined with the commercial service

Agelasto - Monitor fixe DN50

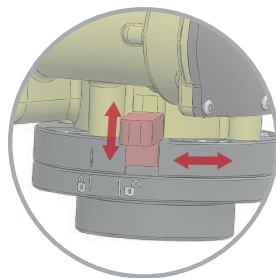


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -177.5° to +177.5°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -45° to +94°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 12°/s
Power supply: 24V Direct Current

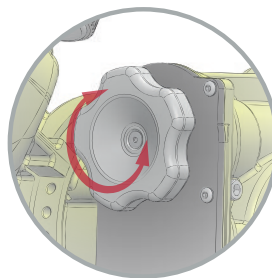
Options: inlet flange, outlet equipments, control system, "quick connect" inlet



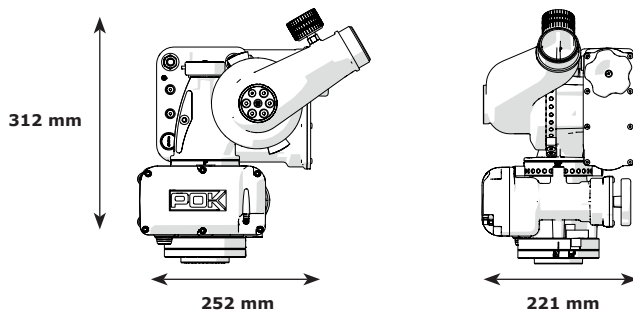
Stops to limit horizontal movements



"Quick connect" fixation system (optional)



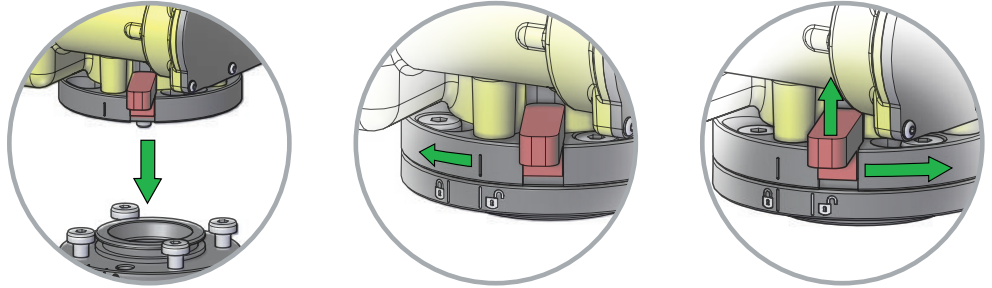
Emergency handwheels for vertical and horizontal adjustment



The Agelasto monitor is the latest STACS-compatible monitor specifically developed for firefighting vehicles, offering exceptional performance (2500 lpm), and can be fit with a diffuser.

This monitor is the ideal compromise to equip firefighting vehicles, its compact design allows it to be mounted on a bumper, and it has a horizontal rotation angle of nearly 360°. The Agelasto DN50 monitor is available with the "quick connect" system or as a fixed version. Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).

Agelasto - Quick connect monitor



The "Quick connect" system allows a quick and efficient coupling of the Agelasto DN50. This device exists with multiple inlet types, see table below

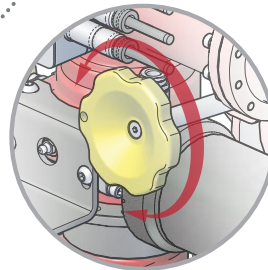
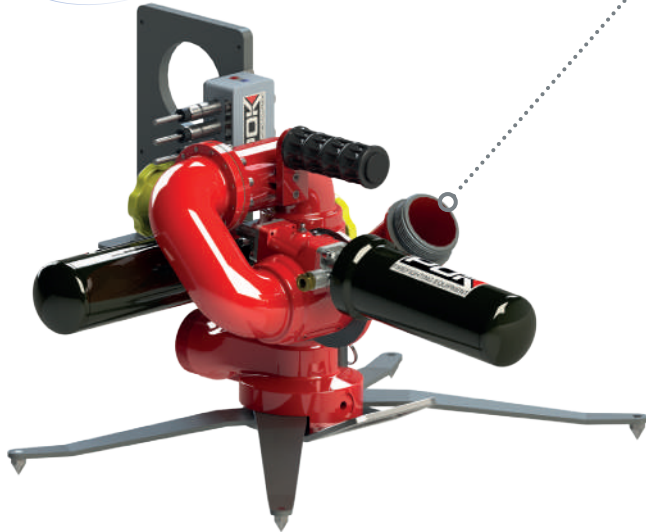
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Quick connect 2" female BSP	2" male BSP	50	348x221x312	12	47797
Quick connect 2" male BSP	2" male BSP	50	348x221x328	12	47798
Quick connect 2,5" female BSP	2" male BSP	50	348x221x328	12	47799
Quick connect 2,5" male BSP	2" male BSP	50	348x221x324	12	47800
Quick connect DN50 PN16	2" male BSP	50	348x221x350	13	47801
Quick connect DN65 PN16	2" male BSP	50	348x221x346	14	47803
Quick connect ASA150 PN20	2" male BSP	50	348x221x356	13	47802

Agelasto - Fixed monitor

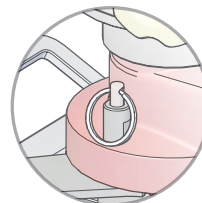


Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	2" male BSP	50	348x221x312	12	47790
2" male BSP	2" male BSP	50	348x221x316	12	47792
2.5" male BSP	2" male BSP	50	348x221x312	12	47791
Flange 2" ASA150 PN20	2" male BSP	50	348x221x356	13	47794
Flange DN50 PN16	2" male BSP	50	348x221x337	13	47793
Flange DN65 PN16	2" male BSP	50	348x221x334	13	47795

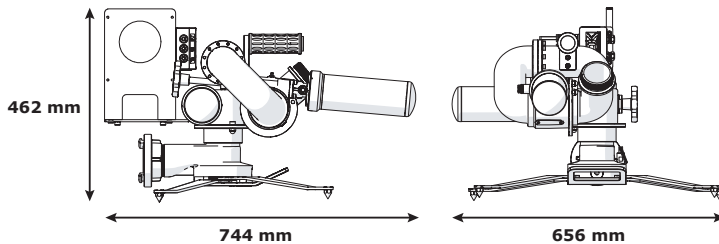
Portable monitor DN65



Emergency handwheels for vertical and horizontal adjustment



Stabilising legs locking pin, anchoring ring



Recommended outlet equipment
Ø 2.5"
 Flow rate **2400 lpm**

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s
Safety system: locking pin for stabilizing legs, anchoring strap
Carrying handle: yes
Foldable legs: yes

Options: inlet couplings, outlet equipments, control system, transport trolley



Thanks to its carrying handle, this monitor can be easily operated and placed precisely for fire attack.

Equipped with stabilising legs and a fixing strap, it is extremely stable when used at its maximum flow rate.

Its outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) allow a flow rate up to 2400 lpm at 7 bar at the monitors outlet. As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled using wireless or wired connections, allowing extremely quick, precise, and progressive movements.

It has a battery life of up to eight hours, and can be recharged in under five hours.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5" male BSP	2.5" male NST-NH	65	822 x 466 x 454	33	29369
2.5" female NST-NH	2.5" male NST-NH	65	869 x 543 x 623	27	34705

Trolley for portable monitor



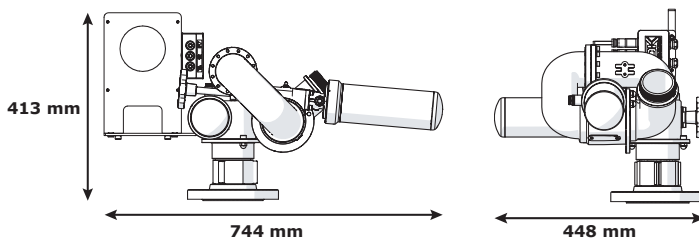
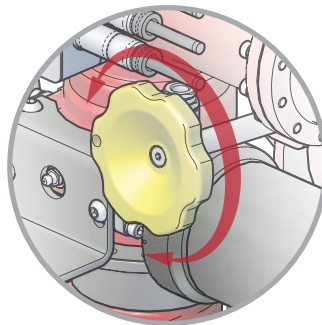
Designation	Dimensions (mm)	Weight (kg)	Ref.
Transport trolley - stabilising legs locking system	505 x 694 x 1083	14	29349
Transport trolley - bedplate locking system	309 x 464 x 867	13	35558

Fixed DN65 monitor

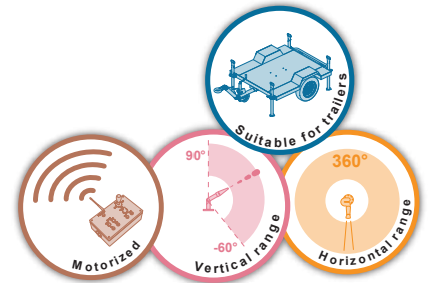
Compatible
POK EasyDrive®



Emergency handwheels for vertical and horizontal adjustment



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -60° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s
Options: inlet flange, outlet equipments, control system



This hybrid monitor offers the performance of a fixed monitor and flexibility of a portable monitor.

Due to its original design, it is essential for installation such as warehouses, vehicles, waste management facilities, platforms, and so on, when continuous use in the roughest conditions is necessary.

It is available with various inlet flanges.

Several outlet equipment (diffusers, self-educing diffusers, water and water-foam branchpipe, with or without duckbill nozzle) allow a maximum flow rate of 3000 lpm at 7 bar at the monitor outlet.

As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive® Compatible) and equipped with high performance motors, it can be controlled by wired or wireless control systems allowing extremely quick, precise and progressive movements.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5" male NST-NH	65	744 x 448 x 413	23	26544

Motorised aluminium monitors



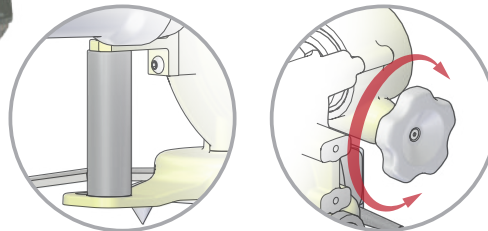
Montmirail DC

patented system
n° 13 60071,
dated February 12, 2016,
ref. FR 3 011 905



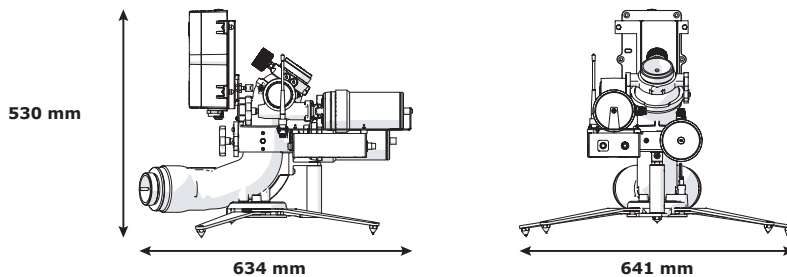
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to $+170^{\circ}$
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from $+30^{\circ}$ to $+85^{\circ}$
Vertical adjustment: motorised and emergency handwheel
Rotation speed: $9^{\circ}/s$
Power supply: 24V Direct Current
Safety system: legs locking pin, anchoring strap.
Carrying handle: yes
Foldable legs: yes

Options: inlet couplings, outlet equipments, control system



Carrying handle and anchorage ring

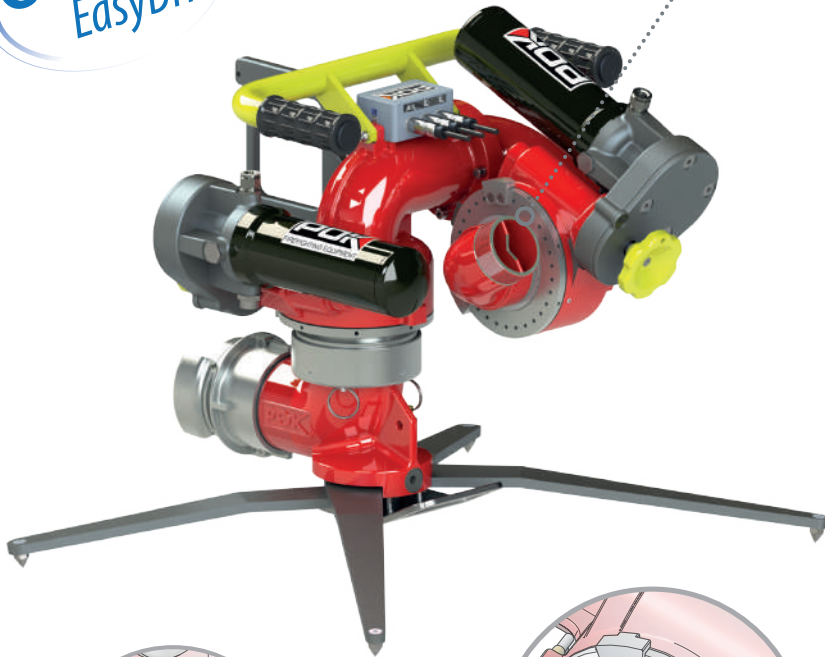
Emergency handwheels for vertical and horizontal adjustment



The "Montmirail" DC portable monitor offers all the possibilities of the latest generation: PN16 design, automatic sweeping. Its major characteristic is an extremely reduced mass: less than 16 kg (without batteries), making it the lightest device on the market for motorised monitors. The wireless control system offers a horizontal adjustment range from -170° to $+170^{\circ}$, and a vertical adjustment from $+30^{\circ}$ to $+85^{\circ}$. It can be fit with a wireless motorised diffuser, with capacities up to 4000 lpm at 7 bar the monitors output. The motors are equipped with emergency handwheels allowing manual control of the monitor.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x 2.5" male BSP	2.5" male NST-NH	80	656 x 274 x 530	23	41115

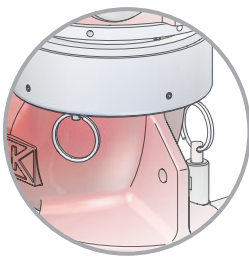
Dicodoplus DN80 - Portable DN80 monitor



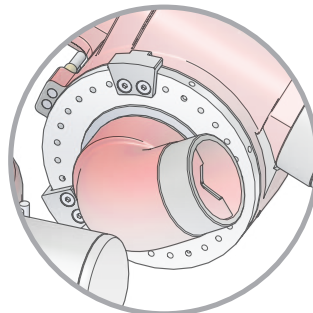
Recommended outlet equipment
Ø 2.5"
Flow rate 5000 lpm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168 to +168°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +30° to +90° from -60° to +90° when flange mounted
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 11°/s
Power supply: 24V Direct Current
Safety system: legs locking pin, anchoring strap.
Carrying handle: yes
Foldable legs: yes

Options: inlet couplings, outlet equipments, control system, transport trolley

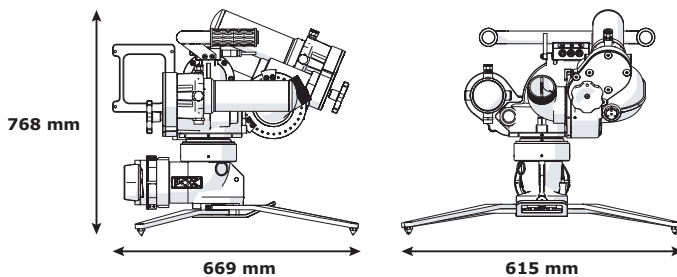


Base locking pin, stabilising legs locking pin and anchorage ring



Vertical and horizontal movement stops

Suitable for trailers
 Motorized
 Foldable legs
 Horizontal range
 Vertical range



Thanks to its compact size and carrying handles, this monitor can be easily handled, and placed accurately, to attack fire.

Equipped with stabilising legs and an anchoring strap, it is extremely stable when used at its maximum flow rate.

A quick coupling system allows to disconnect it from its base to place it in a fixed position. Its original design provides it with a vertical range of +/-90° making it essential in many applications.

Its outlet accessories allow a maximum flow rate of 5,000 lpm at 7 bar at the monitors outlet.

As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by wired and or wireless connection allowing quick, precise and progressive movement.

It has a battery life of up to eight hours, and can be recharged in under five hours.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
AR DN100	2.5" male NST-NH	80	650 x 520 x 768	48	28770

DN80 portable monitor - upper section only with quick coupling system



The portable DN80 monitor upper part can be mounted on a flange equipped with a quick coupling system or on an telescopic tube. It can be equipped with various outlets: diffusers, water or foam branchpipes...

Designation	Outlet	Weight (kg)	Ref.
Upper section only	2.5" male NST-NH	39	28774

Portable Dicodoplus - lower section with quick coupling



The lower section for LMP80 with quick coupling system is designed to receive a monitor mounted on telescopic tube, or truck, and turned into a portable monitor.

Designation	Weight (kg)	Ref.
Lower section only	8.1	21499

Electric telescopic tube for monitor



The telescopic tube for monitor LMP80 allows to mount the monitor on a vehicle and deploy it quickly.

Inlet	Outlet	Elevation (mm)	Dimensions (mm)	Weight (kg)	Ref.
3" male BSP	Flange 2.5" ASA150	500	252 x 232 x 878	41	21151
3" male BSP	Flange DN80 ISO PN16	500	257 x 243 x 879	41	38105

Flange with quick coupling system



Designation	Weight (kg)	Ref.
3" ASA 150 flange adapter	3.6	08291
4" ASA 150 flange adapter	4	22011

Transport trolley for portable monitor

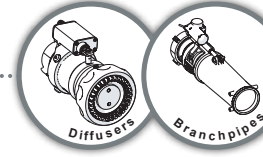


Designation	Dimensions (mm)	Weight (kg)	Ref.
Transport trolley - stabilising legs locking system	505 x 694 x 1083	14	29349
Transport trolley - bedplate locking system	309 x 464 x 867	13	35558

Kalypige - DN80 monitor



Patented system
n° 13 60071,
dated February 12, 2016,
ref. FR 3 011 905

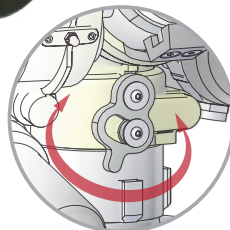
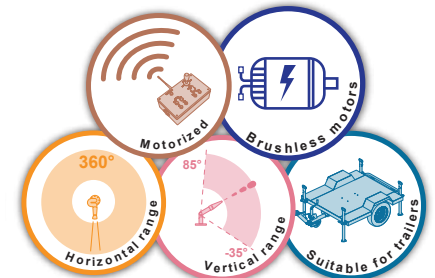


Recommended outlet equipment
Ø 2.5"
Flow rate 4000 lpm

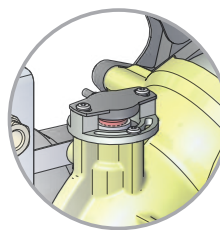


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -180° to +180°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -35° to +85°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

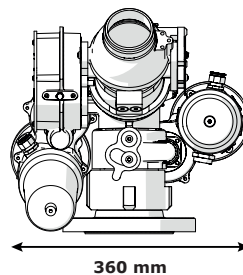
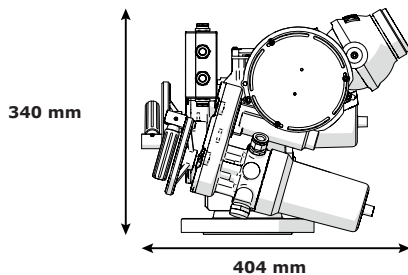
Options: inlet flange, outlet equipments, control system



Adjustable mechanical stops



Position sensor with potentiometer



The Kalypige monitor is the most compact monitor on the market, offering exceptional performance (4000 lpm), and can be fit with a diffuser.

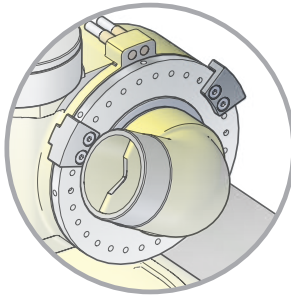
This monitor is the ideal compromise for firefighting vehicles roof equipment, allowing a rotation angle in horizontal movement of nearly 360°.

Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).

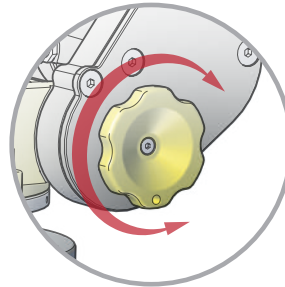
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5" male NST-NH	80	404 x 360 x 340	18	39158
3" male BSP	2.5" male NST-NH	80	400 x 360 x 410		44048 *
Flange DN100 ASA 150	2.5" male NST-NH	80			44041 *

*Model compatible with the STACS system

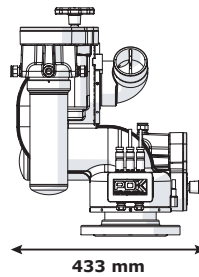
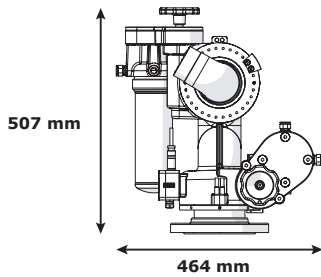
Florence - Monitor DN80



Vertical and horizontal movement stops

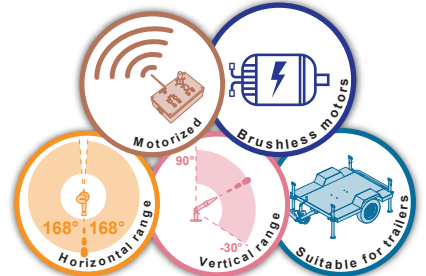


Emergency handwheels for vertical and horizontal adjustment



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168 to +168°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -30 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 11°/s
Power supply: 24V Direct Current

Options: inlet flange, outlet equipments, control system, feedback with potentiometers



Due to its original construction (only one foundry), this monitor is the simplest and the most compact of the 3" monitor range.

Thanks to the combination of innovation and its versatility, this monitor is an excellent choice for firefighting when a continuous and rough use is necessary in confined places.

With its exceptional vertical and horizontal adjustment (336° horizontally, and 120° vertically), it can be placed in any position, to precisely attack a fire.

Associated with several accessories, it allows a flow rate up to 5000 lpm at 7 bar at the monitors outlet.

As it is PN16, it can withstand unplanned high pressure spikes due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by a wired or wireless system, allowing quick, precise, progressive movements.



Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	2.5" male NST-NH	80		464 x 433 x 507	34	29225
Flange DN100 PN16	2.5" male NST-NH	80	•	464 x 433 x 507	34	35328
4" male BSP	2.5" male NST-NH	80	•	464 x 443 x 507	35	43307 *
Flange DN100 PN16	2.5" male NST-NH	80	•	464 x 443 x 507	35	44111 *
4" male BSP	2.5" male NST-NH	80	•	464 x 443 x 507	33	44113 *

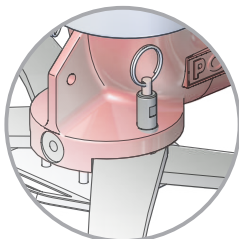
*Model compatible with the STACS system

Portable DN100 monitor

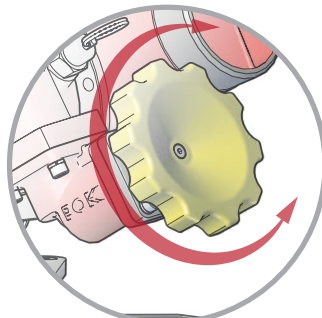
Compatible
POK EasyDrive®



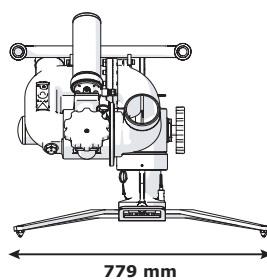
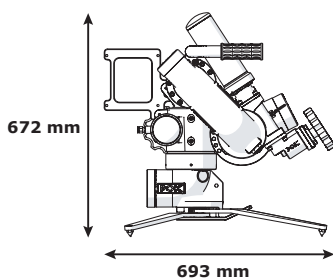
Recommended outlet equipment
Ø 3.5"
Flow rate
7500 lpm



Base locking pin, stabilising legs locking pin and anchorage ring



Emergency handwheels for vertical and horizontal adjustment




Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +30° to +90° from -60° to +90° when flange mounted
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current
Safety system: vertical adjustment lockable at 30° by pin, leg locking system, anchoring strap.
Carrying handle: yes
Foldable legs: yes

Options: inlet couplings, outlet equipments, control system, transport trolley

Thanks to its carrying handle, this monitor can be easily operated and placed precisely for fire attack.

Equipped with stabilising legs and an anchoring strap, it is extremely stable when used at its maximum flow rate.

A quick coupling system allows to disconnect it from its base, to place it in a fixed position. Its outlet accessories (diffuser, self-educating diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) allow a flow rate up to 7500 lpm at 7 bar at the monitors outlet. As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes.

Completely electrified (POK EasyDrive® Compatible) and equipped with high performance motors, it can be controlled by wireless, or wired, systems allowing quick, precise, and progressive movements.

It has a battery life of up to eight hours, and can be recharged in under five hours.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	3.5" male NST-NH	100	906 x 542 x 672	47	21653

DN100 portable monitor - upper section only with quick coupling



The portable DN100 monitor upper part can be mounted on a flange equipped with a quick coupling system or on an telescopic tube. It can be equipped with various outlets: diffusers, water or foam branchpipes...

Designation	Outlet	Weight (kg)	Ref.
Upper section only	3.5" male NST-NH	39	29403

Height extension for DN100 monitor with quick coupling system



Designation	Weight (kg)	Ref.
Height extension length 500 mm	3.3	22205

Flange DN100 with quick coupling system



Designation	Weight (kg)	Ref.
4" ASA 150 flange adapter	4	22011

Transport trolley for portable monitor



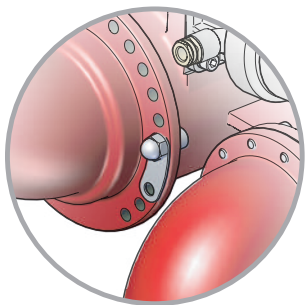
Designation	Dimensions (mm)	Weight (kg)	Ref.
Transport trolley - stabilising legs locking system	505 x 694 x 1083	14	29349
Transport trolley - bedplate locking system	309 x 464 x 867	13	35558

Fixed monitor DN100

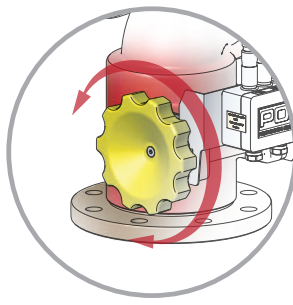


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

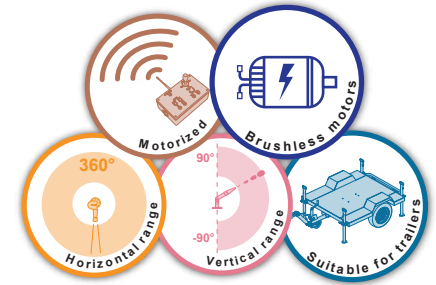
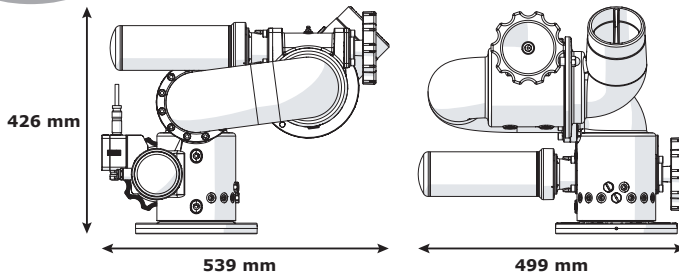
Options: inlet flange, outlet equipments, control system



Vertical and horizontal movement stops



Emergency handwheels for vertical and horizontal adjustment



Its original design makes it essential in installation such as warehouses, vehicles, waste management facilities, platforms, and so on, when a continuous use is necessary in the roughest environments.

It is available with various inlet flanges.

Several outlet equipment (diffusers, self-educing diffusers, water and water-foam branchpipe, with or without duckbill nozzle) allow a maximum flow rate of 7500 lpm at 7 bar at the monitor outlet.

As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by wired or wireless command systems allowing extremely fast, precise and progressive movements.

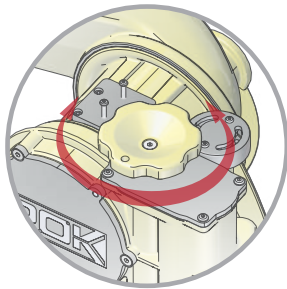


Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	3.5" male NST-NH	100		539 x 499 x 426	51	18342
Flange DN100 PN16	3.5" male NST-NH	100		539 x 499 x 426	50	15996
Flange DN100 PN16	3.5" male NST-NH	100	•	539 x 499 x 426	43	44495

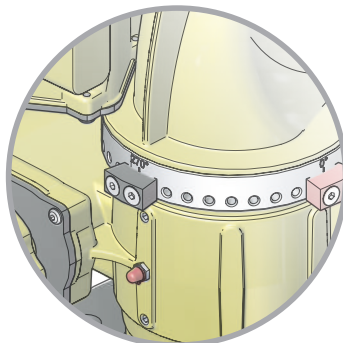
Agelasto - Fixed monitor DN100



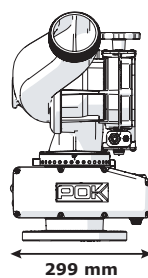
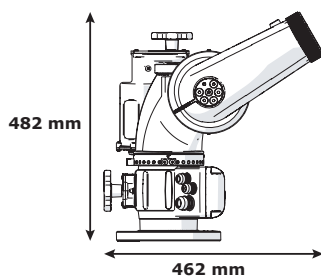
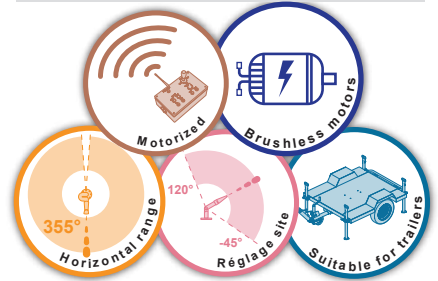
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 355°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -45 to +120°
Vertical adjustment: motorised and emergency handwheel
Movement speed : 13°/s horizontally
 5°/s vertically
Power supply: 24V Direct Current
Options: inlet flange, outlet equipments, control system



Emergency handwheels for vertical and horizontal adjustment



Stops to limit horizontal movements



Our motorised Agelasto DN100 monitor can also be installed at a 90° or 180° angle.

The Agelasto monitor is the latest STACS-compatible monitor specifically developed for firefighting vehicles, offering exceptional performance (7500 lpm), and can be fit with a diffuser.

This monitor is the ideal compromise for firefighting vehicles roof equipment, allowing a rotation angle in horizontal movement of nearly 360°.

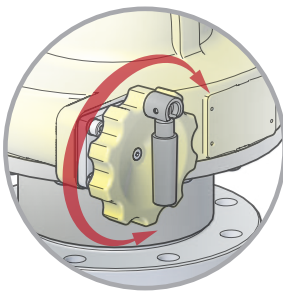
Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	1.5" male NST-NH	100	462 x 299 x 482	19	44051

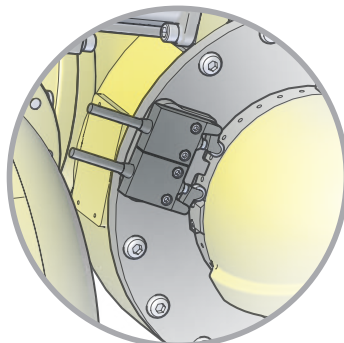
Dicodoplus DN150 - Fixed DN150 monitor



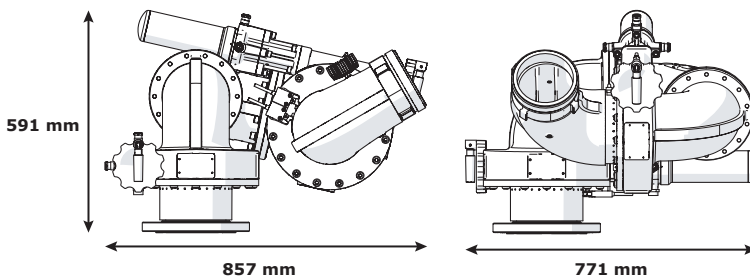
Recommended outlet equipment
 $\text{Ø } 6''$
 Flow rate
15000 lpm



Emergency handwheels for vertical and horizontal adjustment



Vertical and horizontal movement stops



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -165 to $+165^\circ$
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90 to $+90^\circ$
Vertical adjustment: motorised and emergency handwheel
Rotation speed: $4.5^\circ/s$
Power supply: 24V Direct Current

Options: inlet flange, outlet equipments, control system

The Dicodoplus DN150 monitor is designed to respond to emergency situations in complex and large scale industrial sites (warehouses, refineries, etc.).

It is available with various flanges and can be mounted on trailers to increase mobility and its field of action.

Several outlet equipment (diffusers, self-educing diffusers, water and water-foam branchpipe, with or without duckbill nozzle) allow a maximum flow rate of 15000 lpm at 7 bar at the monitor outlet.

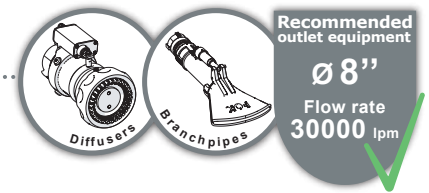
As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by wired or wireless command systems allowing extremely fast, precise and progressive movements. Electrical stops define the movement limit in vertical and horizontal directions, eliminating the constraints of mechanical stops.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN150 PN16	6" male NST-NH	150	857 x 771 x 591	120	27269

Fixed monitor DN200

High flow rate
Up to **30 000**
liters per minute

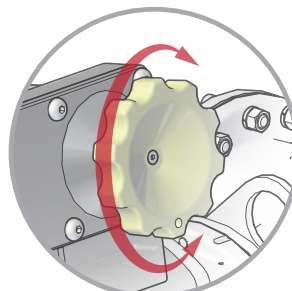


Material: aluminium alloy
Body type: molded
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -10° to +60°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

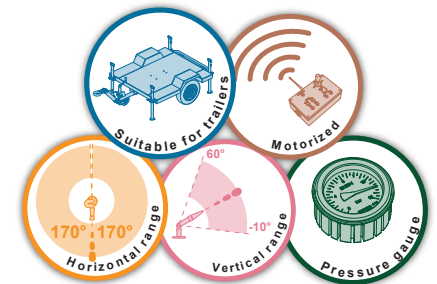
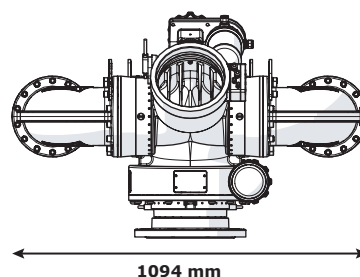
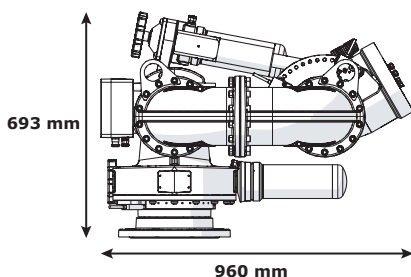
Options: inlet flange, outlet equipments



Vertical and horizontal electric stops



Emergency handwheels for vertical and horizontal adjustment



The range of 24 volts aluminium DN200/8" motorised monitors includes all the necessary characteristics to extinguish the most devastating fires.

The horizontal and vertical movements are possible through two powerful electric motors backed up by two emergency handwheels. Electrical stops define the movement limit in vertical and horizontal directions, eliminating the constraints of mechanical stops.

Horizontal rotation: 340° - Vertical movement: -10° à +60°.

Allowed flow rate: 30 000 lpm.

Inlet flange 8" ASA150.

It is equipped at the outlet with a water foam branchpipe with adjustable flow rates of 22 000 and 33 000 lpm.

It can also be equipped with a 20 000 lpm high-power diffuser with adjustable stream patterns.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 8" ASA150	8" female BSP	200	960 x 1094 x 693	208	32012

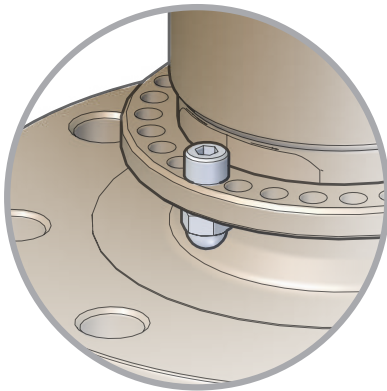
Fixed DN65 bronze monitor



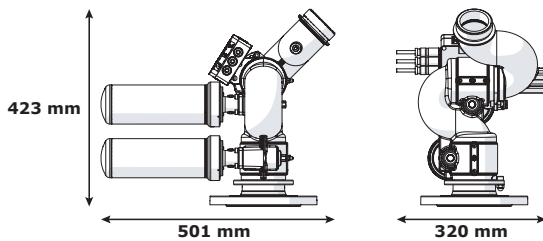
Recommended outlet equipment
Ø 2.5"
Flow rate 2000 lpm

Maximum working pressure: PN16
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency Allen wrench nut
Vertical movement: from -37° to +85°
Vertical adjustment: motorised and emergency Allen wrench nut
Power supply: 24V Direct Current
Rotation speed: 22°/s

Options: inlet flange, outlet equipments, control system



Horizontal and vertical stops



This compact monitor offers a wide horizontal rotation angle within a small footprint. Its original design has made this monitor an essential tool for firefighting in the roughest marine or harbour environments.

Associated with several outlets accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) this monitor allows a flow rate up to 2,000 lpm at 7 bar at the monitors outlet.

Moreover, the monitor and all accessories are all PN16, so it can withstand unplanned inconvenient high pressure spikes due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by wireless or wired connection allowing quick, precise and progressive movements.



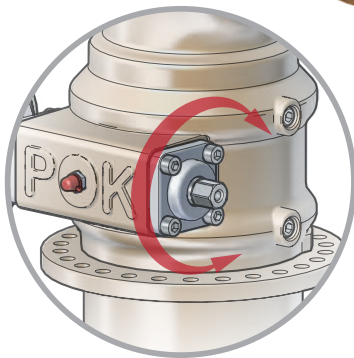
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 3" ASA150	2.5" male NST-NH	65	501 x 320 x 423	29	29373
Flange 4" ASA150	2.5" male NST-NH	65	501 x 320 x 423	30	29374

Fixed DN80 bronze monitor

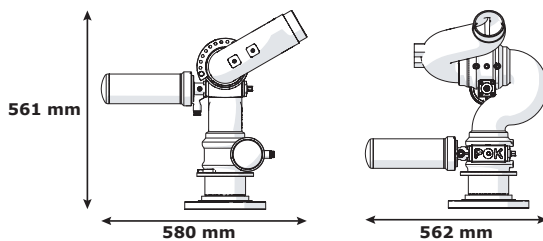


Recommended outlet equipment
 Ø 3"
 Flow rate 4000 lpm

Maximum working pressure: PN16
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency Allen wrench nut
Vertical movement: from -55° to +85°
Vertical adjustment: motorised and emergency Allen wrench nut
Power supply: 24V Direct Current
Rotation speed: 22°/s
Options: inlet flange, outlet equipments, control system



Emergency nut for horizontal and vertical adjustment



This compact monitor offers a wide horizontal rotation angle in a small footprint. Its original design has made this monitor an essential tool for firefighting in the roughest marine or harbour environments.

Associated with several outlets accessories (diffuser, self-educating diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) this monitor allows a flow rate up to 4,000 lpm at 7 bar at the monitors outlet.

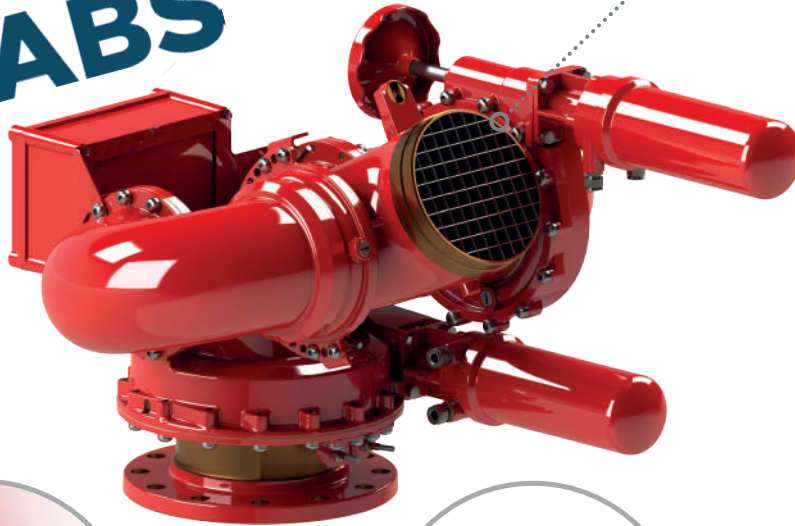
Moreover, the monitor and all accessories are all PN16, so it can withstand unplanned inconvenient high pressure spikes due to manipulation mistakes.

Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by wireless or wired connection allowing quick, precise and progressive movements.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	3" male BSP	80	580 x 562 x 561	44	37296

Fixed DN200 bronze monitor



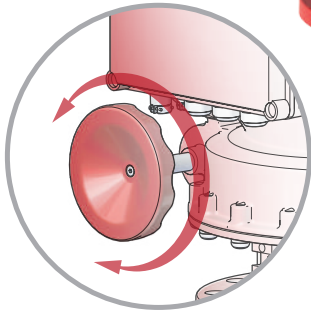
Recommended outlet equipment

Ø 8''

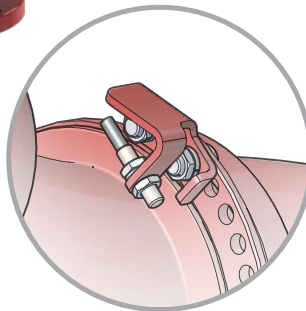
Flow rate **20000 lpm**

Maximum working pressure: PN16
Material: bronze
Surface treatment : polyester coated
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -35° to +85°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 5°/s

Options: inlet flange, outlet equipments, control system



Emergency handwheels for vertical and horizontal adjustment



Electric vertical and horizontal stops

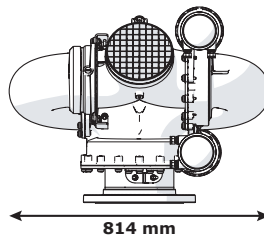
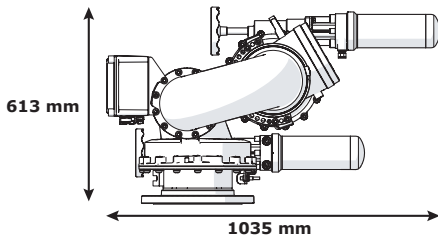
Marine environment

Suitable for trailers

Motorized

Vertical range
85°
-35°

Horizontal range
170°
+170°



This DN200 monitor is the latest addition of POK's high flow rate monitors, specifically designed in bronze for increased resistance to external stress. These impressive capabilities will satisfy both the naval sector, in particular with its ABS certification of excellence, and manufacturers working on huge storage sites.

Indeed the bronze DN200 monitor has an unrivalled range of 130 metres horizontally over 340° and 55 metres vertically (-35° to +85°) with a flow rate going up to 20000 lpm.

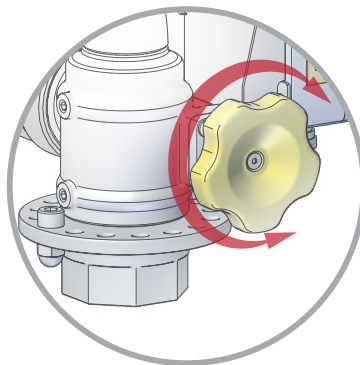
Using the latest technology, the powerful motors have been the subject of very close attention in order to set this colossus in motion in complete safety (acceleration/deceleration ramp, stops).

Up to four motorised axes are possible (horizontal, vertical, stream pattern, flowrate) and all of them can be controlled by POK systems using a wired or wireless link thanks to a simple and ergonomic remote control.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN200 JIS 2220 10 K	8" male BSP	200	1035 x 814 x 613	172	40264
Flange DN200 JIS 2220 10 K	Diffuser 5000/2000	200	1304 x 814 x 912	210	40852 *
Flange DN200 JIS 2220 10 K	Diffuseur 5000/20000 with adjustable stream pattern	200	1304 x 814 x 912	214	40850 *
Flange DN200 JIS 2220 10 K	Smooth bore nozzle 20000	200	1406 x 814 x 937	192	40856 *
Flange DN200 JIS 2220 10 K	Smooth bore nozzle 20000 with diffusion claw	200	1517 x 814 x 1138	199	40854 *

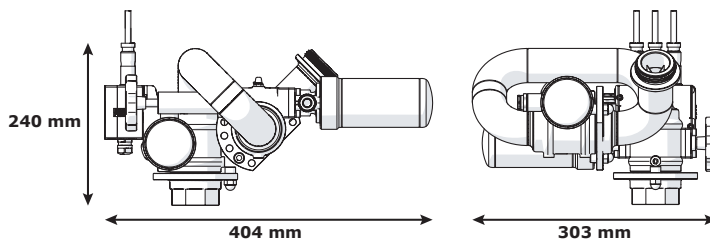
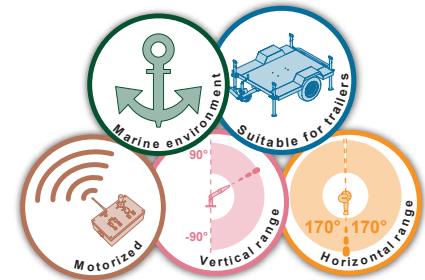
*ABS certified set

Fixed DN40 stainless steel monitor



adjustable stops for vertical and horizontal movements and emergency handwheel

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 12°/s
Options: inlet flange, outlet equipments, control system



This compact monitor was designed to resist the roughest environment. Its low weight and compact size are undeniable advantages to fire fighting vehicle mounting, or on any type of installation where available space is sparse. When fixed this monitor can be equipped with various inlet flanges. This monitor can be equipped with diffuser, water branchpipe, water-foam branchpipe, offering a flow rate up to 1,000 lpm at 7 bar at the monitors outlet. Additionally it is PN16, and can withstand unplanned high pressure due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled using wired or wireless systems, allowing quick, precise and progressive movements.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NPT	1.5" male NST-NH	40	404 x 303 x 203	11	29367
Flange DN40 PN16	1.5" male NST-NH	40	404 x 303 x 240	12	29368

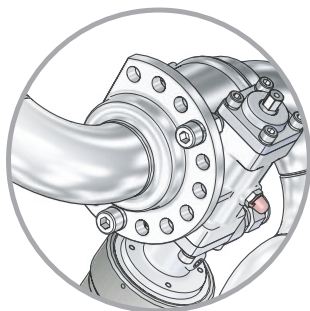
Fixed DN40 STACS stainless steel monitor



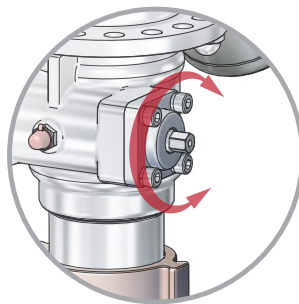
Recommended outlet equipment
Ø 1.5"
Flow rate 1000 lpm

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -90° to +90°
Horizontal adjustment: motorised and emergency screw
Vertical movement: from -40° to +75°
Vertical adjustment: motorised and emergency screw
Power supply: 24V Direct Current
Rotation speed: 12°/s

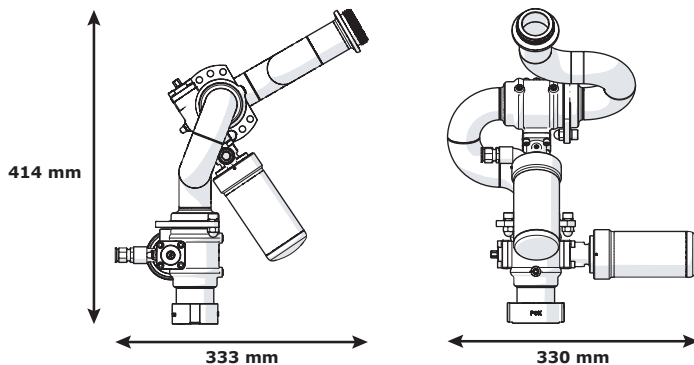
Options: inlet flange, outlet equipments, control system



Stops for vertical and horizontal movements, adjustable by steps of 22.5°.



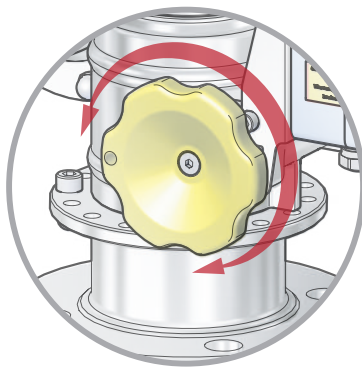
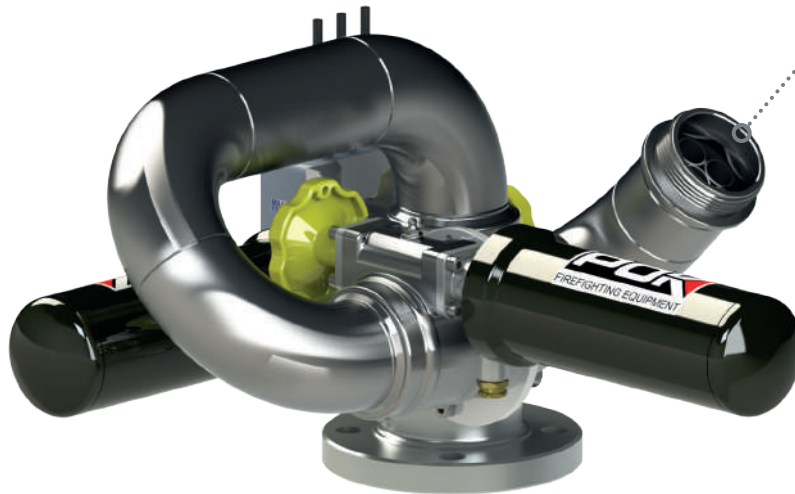
Emergency screws for vertical and horizontal adjustment



This stainless steel monitor is one of the most compact in its category. It has the advantage of being compatible with the STACS system, and is equipped with Deutsch connectors (offering excellent waterproofing). Its low weight and low footprint give it undeniable advantages when mounted on bumpers or small fire-fighting vehicles. It offers a 1000 lpm flow rate. Equipped with very high performance motors, this monitor can be operated by the latest generation STACS wired or wireless control systems.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" male NST-NH	40	333 x 330 x 414	10	44395

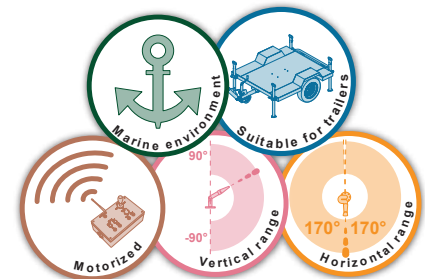
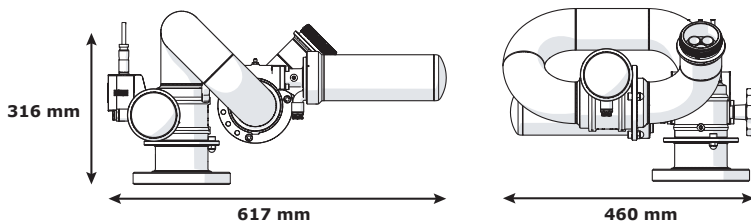
Fixed DN65 stainless steel monitor



Emergency handwheels for vertical and horizontal adjustment

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s

Options: inlet flange, outlet equipments, control system



This multi purpose monitor is compact and can endure the roughest environments. The innovation and versatility combination make this monitor an excellent choice for installations such as in warehouses, on vehicles, in waste management facilities, on platforms, and so on, when a continuous use is necessary.

With its exceptional angular displacement, it can be operated in nearly any position. It is available with various inlet flanges and several outlet accessories (diffuser, self-educating diffuser, water branchpipe, water-foam branchpipe, powder-foam branchpipe) offering a maximum flow rate up to 3000 lpm at 7 bar at the monitors outlet.

It is PN16, and can withstand unplanned high pressure spikes due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled using wireless or wired connections, allowing extremely fast, precise, and progressive, movements.

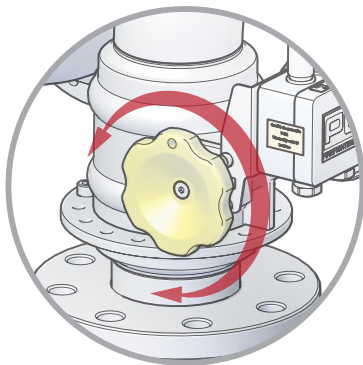


Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 2.5" ASA150	2.5" male NST-NH	65	617 x 460 x 316	28	29372

Fixed DN80 stainless steel monitor



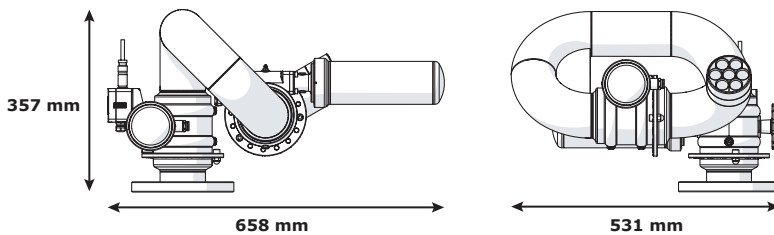
Recommended outlet equipment
Ø 3''
 Flow rate
6000 lpm



Emergency handwheels for vertical and horizontal adjustment

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 16°/s

Options: inlet flange, outlet equipments, control system



This multi-purpose monitor, entirely made of stainless steel, was designed to resist the roughest environments.

The combination of innovation and versatility has made this monitor an excellent choice for fire fighting.

With its exceptional angular adjustment (340° horizontally, and 180° vertically), this monitor can be operated in almost any position.

Associated with several outlet accessories, flow rate can go up to 6000 lpm at 7 bar with reduced pressure loss.

As it is PN16, it can withstand unplanned high pressure spikes due to manipulation mistakes. Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

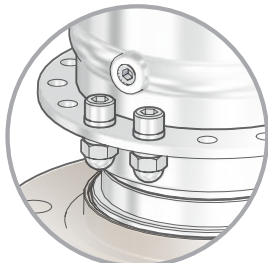
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	3" male BSP	80	658 x 531 x 357	34	20696

Fixed DN100 stainless steel monitor

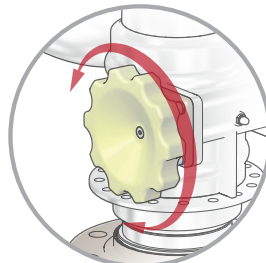
Recommended outlet equipment
Ø 3.5"
 Flow rate
7500 lpm



Maximum working pressure: PN16
Material: stainless steel and bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current
Options: outlet equipments, control system

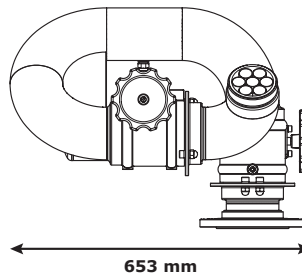
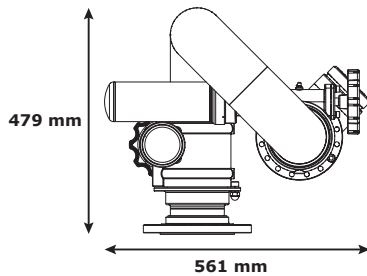


Horizontal and vertical movements stops by steps of 22.5°



Emergency handwheels for vertical and horizontal adjustment

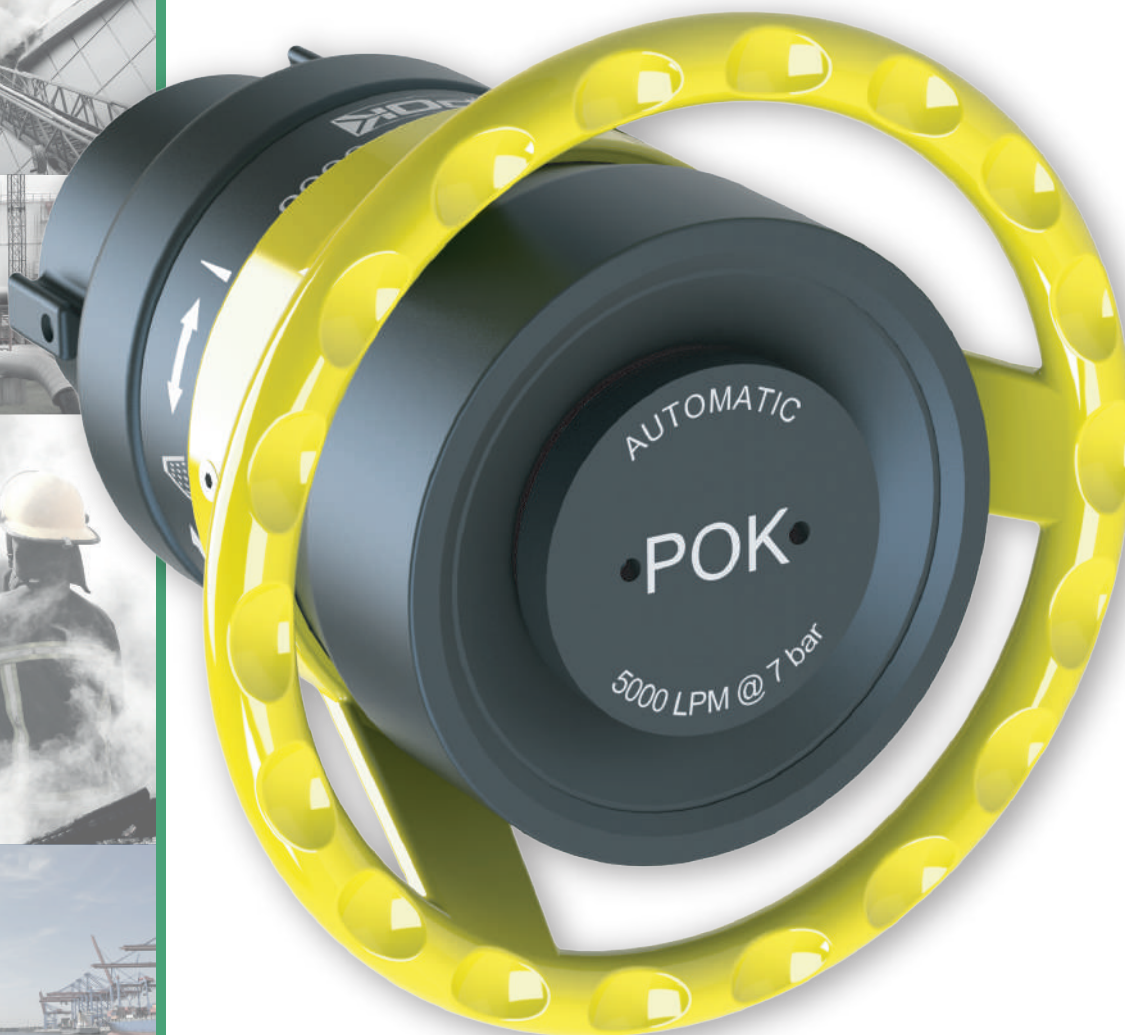
Marine environment
 Suitable for trailers
 Motorized
 Vertical range
 Horizontal range



The horizontal and vertical motors are backed up by emergency handwheels. It can be fit at the inlet with a DN100 PN16 or 4" ASA150 flange. Vertical movement from +90° to -90° and horizontal movement of 340° depending on the stops (adjustment by steps of 22.5°). The tubing of this monitor has an internal spray rectifier made up of seven elements allowing an unrivalled increase in range and stream pattern quality.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	3.5" male NST-NH	100	561 x 653 x 479	57	30527





Outlet equipment

English catalogue - Rev J - 02/2023 - Illustrations are only informative

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Our hand nozzles, monitors, foam equipments, and dividers, can be equipped with any type of existing coupling manufactured by POK using the best materials.



	With fixed flow rate and adjustable stream pattern	With adjustable flow rate and stream pattern	With automatic pressure regulation	With automatic pressure regulation	Self-educting water-foam diffusers	With fixed flow rate and motorised adjustable stream pattern	With motorised adjustable flow rate and stream pattern	With motorised automatic pressure regulation	Motorised self-educting water-foam diffusers	Spray nozzles	"Gigogne" nozzles and stream rectifiers	Water branchpipe
Flow rate (lpm)	from 150 to 6000	from 40 to 5000	from 40 to 15000	from 3800 to 7500	from 1500 to 7500	from 1500 to 20000	from 500 to 20000	from 500 to 20000	from 2000 to 4000	from 10 to 240		from 1000 to 2100
Inlet diameter	from 1" to 3"	from 1" to 4"	from 1" to 6"	3.5"	from 2.5" to 3.5"	from 2.5" to 8"	from 1.5" to 8"	from 1.5" to 8"	from 2.5" to 3.5"	from 0.5" to 1.25"	from 1" to 2.5"	2.5"
Working pressure (bar)	5 to 7	6 to 20	6-7	7	7	5 to 9	6 to 9	7	6-10	6	16	7
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)											from Ø12 to Ø50	from Ø25 to Ø35
Motorised						•	•	•	•			
Pressure regulation			•	•				•				
Adjustable flow rate		•					•					
Adjustable stream pattern	•	•	•	•	•	•	•	•	•	(•)		
Stream pattern type	0 30° 110-130°	0 30° 110-130°	0 30° 110-130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 110°	0 30° 110°	(0) (30°) (110°)	0°	Straight (or flat)
Material	Alu Bronze	Alu Stainless steel	Alu Stainless steel Bronze	Alu	Alu Stainless steel Bronze	Alu Stainless steel	Alu Stainless steel	Alu Stainless steel	Alu Stainless steel Bronze	Alu Bronze	Alu	Alu Stainless steel
Hard anodisation	•	•	•	•	•	•	•	•	•	•	•	•
Polyester coating									•			
Foam expansion					x10				x5 x10			
Molded teeth	(•)	(•)	(•)									
Cut teeth	(•)	(•)	(•)									
Spinning teeth	(•)	(•)	(•)									
Smooth head	(•)	(•)	(•)	•	•	•	•	•	•	•		
Pressure gauge												
OPTIONS	LE - ME	LE - ME	LE - ME	LE		LE - ME	LE - ME	LE - ME				
Sheath colours						•	•					
Page	page 198-page 199	page 200-page 203	page 205-page 209	page 206	page 210	page 211	page 212	page 213-page 214	page 215	page 216	page 217-page 218	page 219

Options: LE - Low expansion foam attachment, ME - Medium expansion foam attachment, D - Duckbill nozzle
 (•): Depending on reference



	"POWER FOAM" water-foam branchpipe	Water-foam branchpipe	Self-educing "POWER FOAM"	"POWER FOAM" in stainless steel	Water-foam stainless steel branchpipe	Water-foam stainless steel self-educing branchpipe	Motorised water branchpipe	Motorised "POWER FOAM"	Self-educing water-foam branchpipe	Powder-foam branchpipe	Foam head
Flow rate (lpm)	from 1000 to 25000	from 1000 to 5000	from 1000 to 7500	from 500 to 15000	from 1000 to 9000	from 500 to 15000	20000	from 3000 to 15000	from 3000 to 24000	from 2000 to 8000	from 3000 to 5000
Inlet diameter	from 1.5" to 8"	from 2.5" to 4"	from 2.5" to 4"	from 1.5" to 6"	from 1.5" to 4"	from 1.5" to 6"	8"	from 2.5" to 6"	from 3" to 8"	from 1.5" to 3.5"	
Working pressure (bar)	7	7	7	7	7	7	9	7	7	7	
Maximum working pressure	16	16	16	16	16	16	16	16	16	16	
Waterway Ø (mm)											
Motorised							•	•	•		
Pressure regulation											
Adjustable flow rate									•		
Adjustable stream pattern	(•)	(•)	(•)	(•)	(•)	(•)	(•)	•	•		
Stream pattern type	0° or flat	0°	0° or flat	0°	0° or flat	0° or flat	0° or dispersed	0° or flat	0° or flat	0°	0°
Material	Alu	Alu	Alu	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Alu Stainless steel	Alu	Alu	Alu
Hard anodisation									•	•	
Polyester coating	•	•	•				•		•	•	•
Foam expansion	x10	x10	x10	x10	x10	x10		x10	x10		x10 or x25
Molded teeth											
Cut teeth											•
Spinning teeth											
Smooth head											
Pressure gauge		•	•								
OPTIONS	D	D	D	D	D	D	D				
Sheath colours											
Page	page 220-page 221	page 222	page 222-page 223	page 224	page 224	page 225	page 226	page 227-page 228	page 229-page 229	page 231	page 232

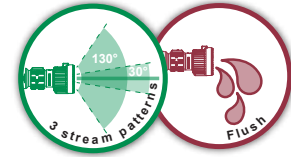
Options: **LE** - Low expansion foam attachment, **ME** - Medium expansion foam attachment, **D** - Duckbill nozzle
 (•): Depending on reference



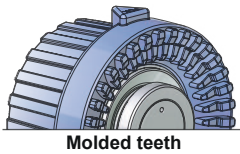
Our range of fixed flow rate diffusers from 150 to 1000 lpm have an adjustable stream pattern through the head ring rotation (straight spray, attack spray, wide angle spray). This range of diffusers offers three possible diffusion heads: Pokinor (molded teeth), Pokatak (cut teeth) and Pokador (spinning teeth).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes

Sheath colours:

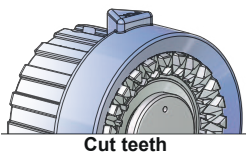


POKINOR



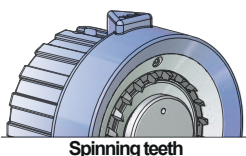
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150	6	125 x 78 x 80	0.6	45072
1" female NST-NH	200	6	138 x 78 x 80	0.7	45080
1.5" female NST-NH	200	6	167 x 93 x 98	1.2	18576
1.5" female NST-NH	300	6	167 x 93 x 98	1.2	18577
1.5" female NST-NH	400	6	167 x 93 x 98	1.2	18578
1.5" female NST-NH	500	6	167 x 93 x 98	1.2	18579

POKATAK



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150	6	125 x 78 x 80	0.6	45068
1" female NST-NH	200	6	136 x 70 x 75	0.7	45078
1.5" female NST-NH	200	6	167 x 93 x 98	1.2	18571
1.5" female NST-NH	300	6	167 x 93 x 98	1.2	18572
1.5" female NST-NH	400	6	167 x 93 x 98	1.2	18573
1.5" female NST-NH	500	6	167 x 93 x 98	1.2	18574
1.5" female NST-NH	660	5	167 x 93 x 98	1.7	18590
1.5" female NST-NH	750	5	167 x 93 x 98	1.7	18591
2.5" female NST-NH	950	5	150 x 126 x 131	1.9	18592
2.5" female NST-NH	1000	5	150 x 126 x 131	1.9	18593

POKADOR



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150	6	125 x 78 x 80	0.6	45064
1.5" female NST-NH	150	5	167 x 93 x 98	1.2	08935
1" female NST-NH	200	6	136 x 70 x 75	0.6	45076
1.5" female NST-NH	200	6	167 x 93 x 98	1.2	09977
1.5" female NST-NH	300	6	167 x 93 x 98	1.2	09978
1.5" female NST-NH	400	6	167 x 93 x 98	1.2	09979
1.5" female NST-NH	500	6	167 x 93 x 98	1.2	09980
1.5" female NST-NH	660	5	167 x 93 x 98	1.7	08940
1.5" female NST-NH	750	5	167 x 93 x 98	1.7	08941
2.5" female NST-NH	950	5	150 x 126 x 131	1.9	08942
2.5" female NST-NH	1000	5	150 x 126 x 131	1.9	08943

Fixed flow rate and adjustable stream pattern diffusers

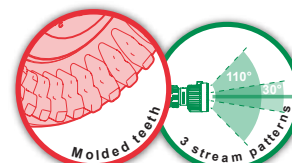


POKINOR 3000



The fixed flow rate and adjustable stream pattern "Pokinor" diffusers (straight spray, attack spray, wide angle spray) are made of hard anodised primary aluminium alloy. The wide angle spray is obtained through polyurethane teeth.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth



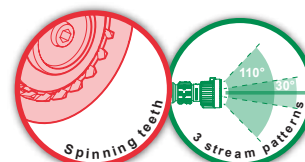
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	3000	7	Ø162 x 214	3.5	37333

POKADOR 2000 - 3000



The fixed flow rate and adjustable stream pattern "Pokador" diffusers (straight spray, attack spray, wide angle spray) are made of hard anodised primary aluminium alloy. The wide angle spray is obtained through spinning teeth. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: spinning teeth



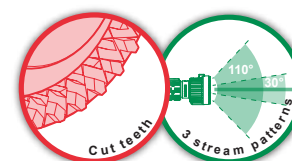
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2000	7	Ø208 x 206	4.2	18653
2.5" male BSP	3000	7	Ø208 x 206	4.3	32744

POKATAK 1800 - 3000



The fixed flow rate and adjustable stream pattern "Pokatak" diffusers (straight spray, attack spray, wide angle spray) are made of hard anodised primary aluminium alloy. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Diffuser heads: cut teeth



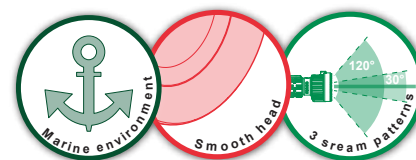
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1800	7	Ø162 x 212	3.6	42484
2.5" male BSP	3000	7	Ø162 x 212	3.6	32741

POKABRONZE 2000 - 6000

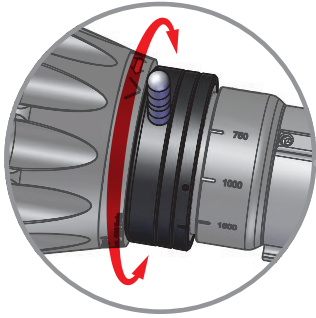


The "Pokabronze" diffuser heads are made of bronze and stainless steel. With a 2000 or 6000 lpm flow rate, the pattern is adjustable from straight spray to wide spray angle. It is designed to be used with a POK bronze monitor allowing use in marine environment.

Maximum working pressure: PN16
Material: bronze and stainless steel
Stream types: straight spray, flashover and wide angle spray
Diffuser head: smooth (2000 lpm), cut teeth (6000 lpm)



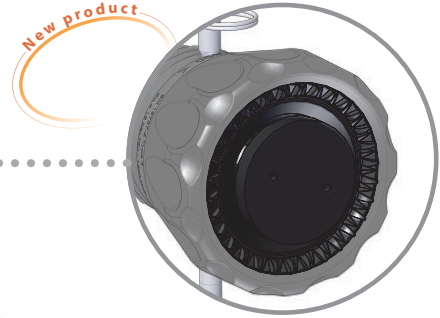
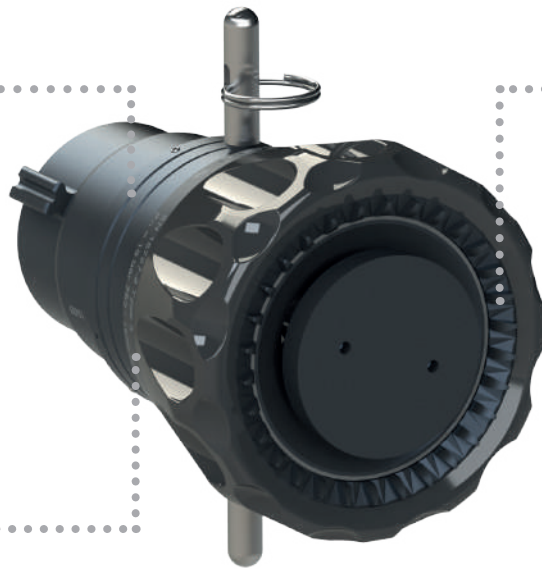
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	Ø221 x 137	4.3	20102
3" female BSP	6000	7	Ø263 x 358	15.7	34477



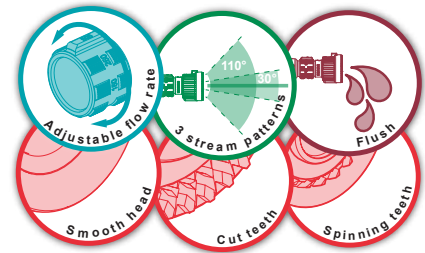
The flow rate is adjustable by simply turning the engraved notched ring.



Switching from a spray pattern to another is as simple as turning the head ring. Straight spray, flash over (30°), wide angle spray (110°) or purge.



The cut-tooth versions of the PROSTOIA diffusers are an exclusive POK design. These teeth are shaped to better break up the water inside the cone. Thus, the diffused spray position has a 110° angle with a cone containing fine water droplets for better thermal protection.



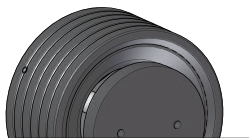
TECHNICAL CHARACTERISTICS.

- **Adjustable flow rate and purge** by turning the selection ring. The available flow rates are engraved, you just have to rotate the head ring to the desired flow rate value. The manoeuvre is facilitated thanks to the presence of capstan for a better grip of the selection ring and lock of the chosen position.
- **Adjustable spray** thanks to the head ring also provided with engraved markings allowing to pass gradually from a full spray to the 30° attack spray position, called "flash over", to a 110° cone-shaped diffusion in order to form a water screen, and finally to the flush position.

PROSTOIA - without head sheath

The range of PROSTOIA diffusers offers a wide variety of flow rates. Entirely made of anodised aluminium alloy, the finishing touches of this diffuser are of very high quality. The stream patterns are adjustable in 3 or 5 positions. As of now this model exist with spinning teeth or cut teeth.

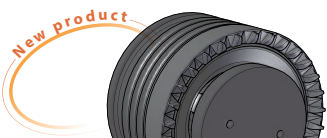
Maximum working pressure: PN16
 Material: aluminium alloy
 Surface treatment: hard anodisation
 Stream types: straight spray, flashover and wide angle spray
 Flush position: yes



Smooth head

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	750 - 1000 - 1500	6	250 x 225 x 120	3.2	40790	41740
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	246 x 225 x 120	32	40530	41637

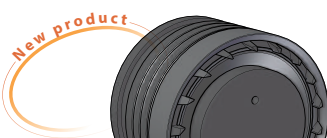
Compatible with foam head ref. 42692



Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	500 - 1000 - 1500	6	250 x 225 x 120	3.2	48221	48227
Female 2.5"	750 - 1000 - 1500	6	250 x 225 x 120	3.2	48219	48225
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	250 x 225 x 120	3.2	48223	48229
Female 2.5"	2000 - 3000 - 4000 - 5000	7	250 x 225 x 120	3.2	48231	48233
Female 3.5"	2000 - 3000 - 4000 - 5000	7	250 x 225 x 120	3.2	-	48235

Compatible with foam head ref. 42962 (réf. 20295 for 7 bar diffuser)



Spinning teeth

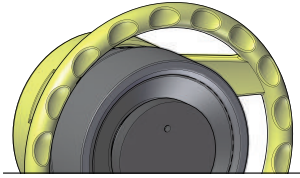
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	750 - 1000 - 1500	6	250 x 225 x 120	3.2	48201	48207
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	250 x 225 x 120	3.2	48203	48209
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	250 x 225 x 120	3.2	48205	48211
Female 2.5"	2000 - 3000 - 4000 - 5000	7	250 x 225 x 120	3.2	48213	48215
Female 3.5"	2000 - 3000 - 4000 - 5000	7	250 x 225 x 120	3.2	-	48215

Compatible with foam head ref. 42962 (réf. 20295 for 7 bar diffuser)

PROSTOIA - with handwheel

In this configuration, the PROSTOIA diffuser offers even greater ease of operation when changing spray pattern thanks to its large handwheel. Now this model exist with spinning teeth or cut teeth.

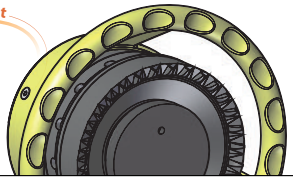
Maximum working pressure: PN16
 Material: aluminium alloy
 Surface treatment: hard anodisation
 Stream types: straight spray, flashover and wide angle spray
 Flush position: yes



Smooth head with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	2000 - 3000 - 4000 - 5000	7	268 x 228 x 218	5.8	42660	42661
Female 3.5"	2000 - 3000 - 4000 - 5000	7	285 x 228 x 218	6.6	-	42863

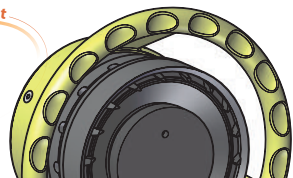
Compatible with foam head ref. 20295



Cut teeth with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	2000 - 3000 - 4000 - 5000	7	268 x 228 x 218	5.8	48231	48233
Female 3.5"	2000 - 3000 - 4000 - 5000	7	285 x 228 x 218	6.6	-	48235

Compatible with foam head ref. 20295



Spinning teeth with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	2000 - 3000 - 4000 - 5000	7	268 x 228 x 218	5.8	48213	48215
Female 3.5"	2000 - 3000 - 4000 - 5000	7	285 x 228 x 218	6.6	-	48217

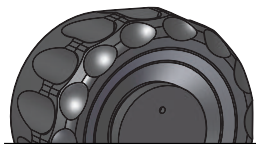
Compatible with foam head ref. 20295

PROSTOIA - with head sheath

New variant of the Prostoia range making it easy to change the spray pattern, this sheath offers unrivalled shock resistance. Now this model exist with spinning teeth or cut teeth.

Maximum working pressure: PN16
 Material: aluminium alloy
 Surface treatment: hard anodisation
 Stream types: straight spray, flashover and wide angle spray
 Flush position: yes

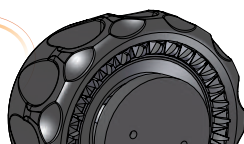
Sheath colours: ●



Smooth head with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	750 - 1000 - 1500	6	256 x 226 x 150	3.7	42883	42885
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	256 x 226 x 150	3.7	40535	42889
Female 2.5"	2000 - 3000 - 4000 - 5000	7	264 x 228 x 184	6.3	42891	42893
Female 3.5"	2000 - 3000 - 4000 - 5000	7	285 x 228 x 184	6.3	-	42895

Compatible with foam head ref. 42953 to 1500 at 3000lpm - Compatible with foam head ref. 42941 for 5000 lpm model



Cut teeth with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Femelle 2.5"	750 - 1000 - 1500	6	256 x 226 x 150	3.7	47624	47630
Female 2.5"	500 - 1000 - 1500 - 2000	6	256 x 226 x 150	3.7	47626	47632
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	256 x 226 x 150	3.7	47628	47634
Female 2.5"	2000 - 3000 - 4000 - 5000	7	264 x 228 x 184	6.3	47745	47747
Female 3.5"	2000 - 3000 - 4000 - 5000	7	285 x 228 x 184	6.3	-	47749

Compatible with foam head ref. 42953 to 1500 at 3000lpm - Compatible with foam head ref. 42941 for 5000 lpm model



Spinning teeth with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5"	750 - 1000 - 1500	6	256 x 226 x 150	3.7	47532	47538
Female 2.5"	500 - 1000 - 1500 - 2000	6	256 x 226 x 150	3.7	47534	47540
Female 2.5"	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	256 x 226 x 150	3.7	47536	47542
Female 2.5"	2000 - 3000 - 4000 - 5000	7	264 x 228 x 184	6.3	47716	47718
Female 3.5"	2000 - 3000 - 4000 - 5000	7	285 x 228 x 184	6.3	-	47720

Compatible with foam head ref. 42953 to 1500 at 3000lpm - Compatible with foam head ref. 42941 for 5000 lpm model

Conform to norm
EN 15767-2
Type 3



Our 150 to 1000 lpm diffuser range with adjustable flow rate and stream pattern is light and efficient.

The flow rate selection can be done by rotation of the flow rate ring.

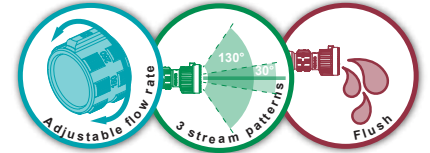
The rotation of the head ring with tactile indicators allows the adjustment of the different spray patterns (straight spray, flashover and wide angle spray).

It is made entirely of aluminium alloy with 50µm hard anodisation.

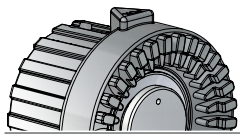
It is available in three versions: "Magikador" with molded teeth, "Debikador" with cut teeth, "Turbokador" with spinning teeth.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes

Sheath colours:



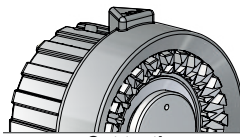
MAGIKADOR



Molded teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	25593
1.5" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	25597
1.5" female NST-NH	150 - 250 - 500	6	Ø93 x 188	1.3	25603
1.5" female NST-NH	250 - 500 - 750	6	Ø114 x 246	2.4	25916
2.5" female NST-NH	250 - 500 - 750	6	Ø114 x 272	2.4	25921
2" male BSP	350 - 500 - 600 - 750	6	Ø114 x 165	1.8	37145
2" male BSP	300 - 500 - 750 - 1000	6	Ø114 x 165	1.8	35600

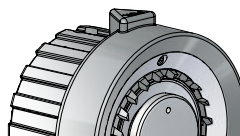
DEBIKADOR



Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	13431
1.5" female NST-NH	150 - 250 - 500	6	Ø93 x 188	1.3	18620.NST
2" male BSP	350 - 500 - 600 - 750	6	Ø114 x 160	1.8	37139
2" male BSP	300 - 500 - 750 - 1000	6	Ø114 x 160	1.8	35603

TURBOKADOR



Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	19612
1.5" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	1.3	12072
1.5" female BSP	100 - 200 - 300	6	Ø93 x 188	1.3	34447
1.5" female NST-NH	50 - 150 - 230	6	Ø93 x 188	1.3	37127
1.5" female BSP	150 - 250 - 500	6	Ø93 x 188	1.3	34907
1.5" female NST-NH	50 - 150 - 230 - 500	6	Ø93 x 188	1.3	43169
2" male BSP	350 - 500 - 600 - 750	6	Ø114 x 161	1.8	37151
2" male BSP	300 - 500 - 750 - 1000	6	Ø114 x 161	1.8	35606

MAGILITE PN40



High pressure « Magilite PN40 » diffuser head with adjustable flow rate and stream pattern.

It has been designed to be used at a pressure of 40 bar.

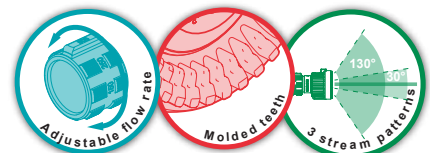
The flow rate selection can be done by rotation of the flow rate ring.

The rotation of the head ring with tactile markings allows the selection of the different stream patterns (straight spray, flashover and wide angle spray)

It is made entirely of aluminium alloy with 50µm hard anodisation.

Maximum working pressure: PN40
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth
Flush position: yes

Sheath colours:



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	50 - 75 - 100	20	154 x 78 x 78	0.7	30495
1" female BSP	50 - 75 - 100	20	156 x 78 x 78	0.7	43488

MAGIKADOR



The "Magikador 3000" diffuser with adjustable flow rate (1000, 2000, 3000 lpm) and stream pattern (straight spray, flashover, water screen) is made of hard anodised aluminium alloy. The wide angle spray is obtained by the molded polyurethane teeth. It is designed to be mounted on POK monitors with a 2.5" outlet.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth



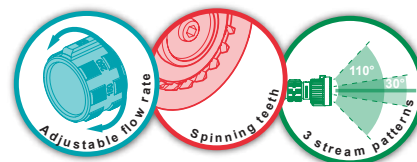
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 - 2000 - 3000	7	214 x 218 x 162	3.8	37215
2.5" female NST-NH	1000 - 2000 - 3000	7	261 x 218 x 162	4.2	37233

TURBOKADOR



The "Turbokador 3000" diffuser with adjustable flow rate (1000, 2000, 3000 lpm) and stream pattern (straight spray, flashover, water screen) is made of hard anodised aluminium alloy. The wide angle spray is obtained through spinning teeth. It is designed to be mounted on POK monitors with a 2.5" outlet.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: spinning teeth



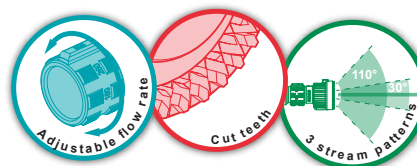
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 - 2000 - 3000	7	Ø225 x 207	4.5	28698

DEBIKADOR



The Debikador diffuser heads with adjustable flow rate and stream pattern (straight stream, flashover, water screen) are made of anodised primary aluminium alloy. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth



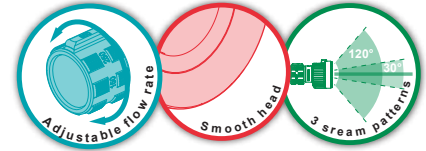
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 - 2000 - 3000	7	Ø225 x 173	4.8	21415

Adjustable flow rate and spray pattern diffuser



This adjustable flow rate and stream pattern diffuser is both compact and lightweight. 2 versions with different flow rates are available. One is available from 800 to 1600 lpm and the other from 750 to 2000 lpm. Its aluminium alloy design is protected by an anodised coating, thus combining performance and robustness.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes



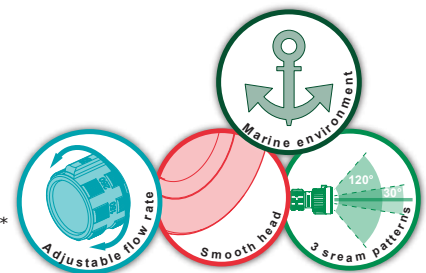
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	800 - 1050 - 1300 - 1600	6	Ø116 x 179	2.7	47117
2.5" female BSP	800 - 1050 - 1300 - 1600	6	Ø116 x 176	2.7	47148
2.5" female NST-NH	750 - 1000 - 1500 - 2000	6	Ø116 x 178	2.7	47120

DEBIKA-INOX



The adjustable flow rate and stream pattern (straight spray, flashover, water barrier) DebiKa-inox diffusers are made of stainless steel and bronze. They are designed to be mounted as outlets for POK stainless steel monitors to obtain high spray quality and performance for efficient firefighting.

Maximum working pressure: PN16
Material: stainless steel (and bronze)
Stream types: straight spray, flashover and wide angle spray
Diffuser head : smooth (3000 lpm)



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	500 - 1000 - 2000 - 3000	6	Ø244 x 161	5.5	37760
2.5" male BSP	1000 - 2000 - 3000	7	Ø244 x 161	5.5	15862 *
2.5" female NST-NH	2400 - 3600	7	Ø244 x 208	6.5	43000

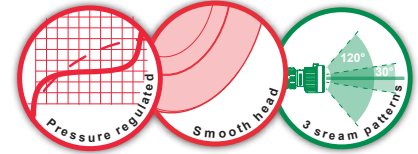
*US calibration: 530-800 GPM @ 100 PSI

AUTOMATIC DIFFUSERS



These are made entirely of anodised aluminium alloy offering an unrivalled finishing touch. The range of POK automatic diffusers offers much variety, from 600 to 3500 lpm.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	from 600 to 1500	7	Ø128 x 195	3.3	39515
2.5" female NST-NH	from 600 to 1500	7	Ø128 x 199	3.3	41095
2.5" female BSP	from 750 to 2000	7	Ø128 x 195	3.3	39514
2.5" female NST-NH	from 750 to 2000	7	Ø128 x 199	3.3	41094
2.5" female BSP	from 1100 to 2500	7	Ø128 x 195	3.3	39513
2.5" female NST-NH	from 1100 to 2500	7	Ø128 x 199	3.3	41093
2.5" female BSP	from 1400 to 3000	7	Ø128 x 195	3.3	39512
2.5" female NST-NH	from 1400 to 3000	7	Ø128 x 199	3.3	41092
2.5" female BSP	from 1800 to 3500	7	Ø128 x 195	3.3	39511
2.5" female NST-NH	from 1800 to 3500	7	Ø128 x 199	3.3	41091

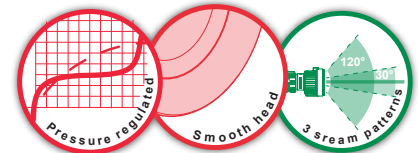
Compatible with foam head ref. 42962

AUTOMATIC DIFFUSERS - with handwheel



In this configuration, the POK automatic diffuser offers even greater operational ease of use during spray adjustment thanks to its large handwheel.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	from 1100 to 4000	7	Ø218 x 224	5.6	41609
2.5" female NST-NH	from 1100 to 4000	7	Ø218 x 228	5.6	41090
3.5" female NST-NH	from 1100 to 4000	7	Ø218 x 230	6.2	42678
2.5" female BSP	from 1400 to 4500	7	Ø218 x 224	5.6	41608
2.5" female NST-NH	from 1400 to 4500	7	Ø218 x 228	5.6	41089
3.5" female NST-NH	from 1400 to 4500	7	Ø218 x 230	6.2	42676
2.5" female BSP	from 1700 to 5000	7	Ø218 x 224	5.6	39410
2.5" female NST-NH	from 1700 to 5000	7	Ø218 x 228	5.6	41088
3.5" female NST-NH	from 1700 to 5000	7	Ø218 x 230	6.2	40460

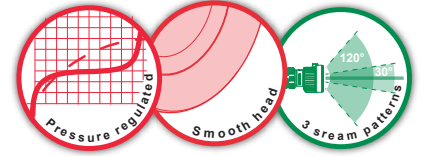
Compatible with foam head ref. 20295

AUTOMATIC DIFFUSERS - with manually adjustable stream pattern



Made entirely of anodised aluminium alloy, they offer an unrivalled finish. The POK range of automatic diffusers offers a range of flow rates, from 3800 to 6000 or 7500 L/min, depending on the model.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	from 3800 to 6000	7	Ø170 x 380	5,7	48068
3.5" female NST-NH	from 3800 to 7500	7	Ø170 x 380	5,7	48066

Compatible with foam head ref. 45639

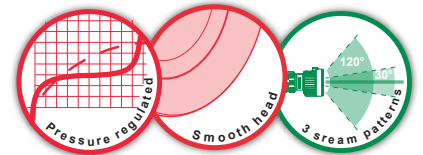
AUTOMATIC DIFFUSERS - with head sheath



These diffusers are a new variation of POK automatic diffusers. They allow easy spray pattern change. This sheath offers unrivalled shock resistance.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray

Sheath colours: ●



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	from 600 to 1500	7	Ø150 x 195	3.7	42683
2.5" female NST-NH	from 600 to 1500	7	Ø150 x 199	3.7	42699
2.5" female BSP	from 750 to 2000	7	Ø150 x 195	3.7	42685
2.5" female NST-NH	from 750 to 2000	7	Ø150 x 199	3.7	42701
2.5" female BSP	from 1100 to 2500	7	Ø150 x 195	3.7	42687
2.5" female NST-NH	from 1100 to 2500	7	Ø150 x 199	3.7	42703
2.5" female BSP	from 1400 to 3000	7	Ø150 x 195	3.7	42689
2.5" female NST-NH	from 1400 to 3000	7	Ø150 x 199	3.7	42705
2.5" female BSP	from 1800 to 3500	7	Ø150 x 195	3.7	42691
2.5" female NST-NH	from 1800 to 3500	7	Ø150 x 199	3.7	42707
2.5" female BSP	from 1100 to 4000	7	Ø180 x 225	6.1	42693
2.5" female NST-NH	from 1100 to 4000	7	Ø180 x 229	6.1	42709
3.5" female NST-NH	from 1100 to 4000	7	Ø180 x 235	6.8	42715
2.5" female BSP	from 1400 to 4500	7	Ø180 x 225	6.1	42695
2.5" female NST-NH	from 1400 to 4500	7	Ø180 x 229	6.1	42711
3.5" female NST-NH	from 1400 to 4500	7	Ø180 x 235	6.8	42717
2.5" female BSP	from 1700 to 5000	7	Ø180 x 225	6.1	42284
2.5" female NST-NH	from 1700 to 5000	7	Ø180 x 229	6.1	42713
3.5" female NST-NH	from 1700 to 5000	7	Ø180 x 235	6.8	42719

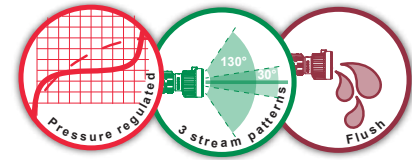
Compatible with foam head ref. 42953 from 1500 to 3500 lpm - compatible with foam head ref. 42941 from 4000 to 5000 lpm



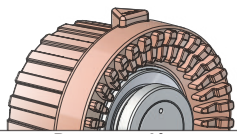
This range of 150 to 1000 lpm automatic diffusers offers a wide flow rate regulation variety as well as three diffuser heads options: Maximatic (molded teeth), Autokador (cut teeth) and Tornadomatic (spinning teeth). The head ring with tactile markings allows to select different stream patterns (straight spray, flashover and wide angle spray).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes

Sheath colours: ● ● ● ● ● ● ● ●



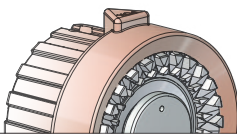
MAXIMATIC



Dents moulées

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	from 40 to 150	7		0.6	18597
ISO M40 x 150 male	from 40 to 150	7	Ø78 x 130	0.7	35673
1.5" female NST-NH	from 40 to 150	7	Ø78 x 220	1.2	35853
1.5" female NST-NH	from 40 to 150	7		0.6	18598
1.5" female NST-NH	from 150 to 500	7		1.3	18600
1.5" male BSP	from 200 to 600	7	Ø114 x 151	1	24435
1.5" female NST-NH	from 230 to 750	7	Ø114 x 151	1.3	23492

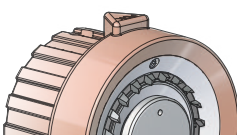
AUTOKADOR



Dents taillées

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	from 40 to 150	7		0.6	18595
ISO M40 x 150 male	from 40 to 150	7	Ø70 x 128	0.7	35669
1.5" female NST-NH	from 40 to 150	7	Ø70 x 218	1.2	35865
1.5" female NST-NH	from 40 to 150	7		0.6	18596
1.5" female NST-NH	from 150 to 500	7		1.3	18599
1.5" female NST-NH	from 230 to 750	7		1.1	18601.NST
2.5" female NST-NH	from 230 to 750	7		1.1	18602
2.5" female NST-NH	from 400 to 1000	7	Ø126 x 144	1.9	18603
2.5" male BSP	from 400 to 1000	7	Ø126 x 128	1.9	42536

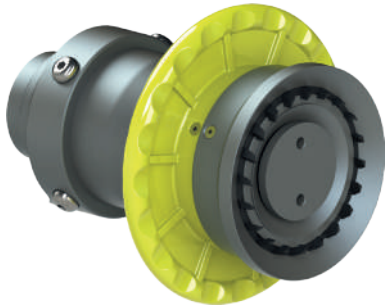
TORNADOMATIC



Turbine

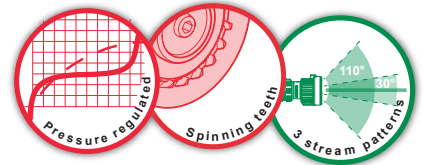
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	from 40 to 150	7		0.6	18594
ISO M40 x 150 male	from 40 to 150	7	Ø70 x 128	0.7	35648
1.5" female NST-NH	from 40 to 150	7	Ø70 x 185	1.2	35861
1.5" female NST-NH	from 40 to 150	7		0.6	09970
1.5" female NST-NH	from 150 to 500	7	Ø93 x 166	1.3	09947
2.5" female NYFD	from 150 to 500	7	Ø93 x 176	1.2	24194
1.5" female NST-NH	from 230 to 750	7		1.1	09971.NST
2.5" female NST-NH	from 400 to 1000	7		1.9	09972

TORNADOMATIC



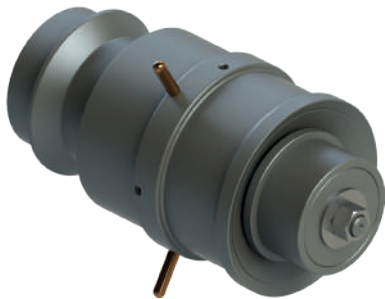
The automatic "Tornadomatic" diffuser offers a wide flow rate regulation range. It is made of hard anodised aluminium alloy. The wide angle spray is obtained through spinning teeth. It is designed to be mounted on POK monitors with a 2.5" outlet.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: spinning teeth



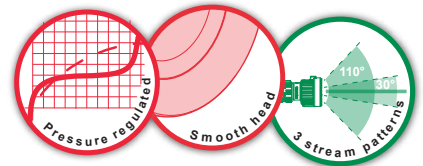
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	from 1000 to 3000	7	Ø208 x 254	5.6	29804

AUTOKADOR - smooth head



The automatic "Autokador" diffuser offers a wide flow rate regulation range. It is made of hard anodised aluminium alloy. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: smooth



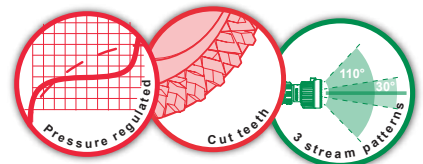
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6" NST-NH	from 5000 to 10000	7	Ø310 x 494	15.7	29142
6" BSP	from 5000 to 15000	7	Ø345 x 494	22	29437

AUTOKADOR - cut teeth



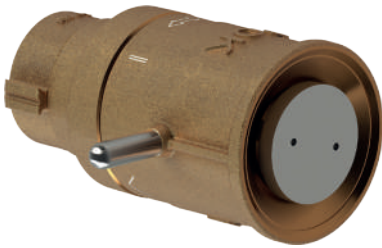
The automatic "Autokador" diffuser offers a large regulation range. It is made of primary aluminium alloy with hard anodising. They are designed to be mounted at the output of the POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth



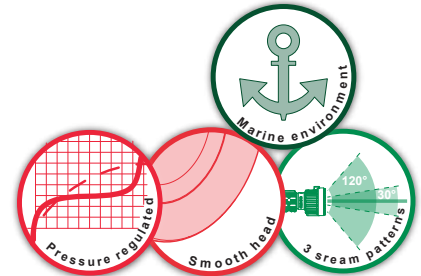
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	from 1000 to 3000	7	Ø162 x 260	5	29799

Bronze AUTOKADOR, smooth head



These new models in the automatic diffusers range are made entirely of bronze. These diffusers offer exceptional resistance to "hostile" environments: salt fog, sea water, etc. They offer a 1100 to 5000 lpm flow rate.

Maximum working pressure: PN16
Material: bronze
Stream types: straight spray, flashover and wide angle spray
Diffuser head: smooth



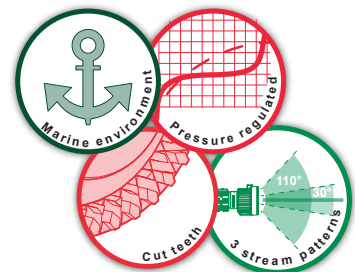
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 1100 to 4000	7	Ø252 x 237	9.8	43741
3" female BSP	from 1100 to 4000	7	Ø252 x 220	9.8	43747
2.5" female NST-NH	from 1400 to 4500	7	Ø252 x 237	9.8	43744
3" female BSP	from 1400 to 4500	7	Ø252 x 220	9.8	43750
2.5" female NST-NH	from 1700 to 5000	7	Ø252 x 237	9.8	41067
3" female BSP	from 1700 to 5000	7	Ø252 x 220	9.8	43753

Stainless steel and bronze AUTOKADOR



The stainless steel and bronze "Autokador" diffusion head was designed to be mounted on POK stainless steel or bronze monitors, in order to obtain a high quality and effective spray to efficiently fight fire.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth



Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1000	7	183 x 160 x 182	3.3	44753

KATZ ladder Monitor



Self-educing diffusers, in aluminium alloy



Our range of self-educing diffusers is made of anodised aluminium alloy with polyester coating, and for PN16 use. Its suction can be calibrated at 3% or 6%. Their spray pattern is adjustable by rotating the handwheel (straight spray, flashover and wide angle spray).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2000	7	312 x 162 x 181	4.3	22126
2.5" male BSP	3000	7	312 x 162 x 181	4.3	22127
2.5" female NST-NH	4000	7	Ø274 x 544	9	41748
3.5" female NST-NH	7500	7	Ø274 x 469	8.1	30612



Self-educing stainless steel and bronze diffusers



Our self-educing stainless steel and bronze diffusers are designed for a saline environment use. Their suction can be calibrated at 3% or 6%. Their spray pattern is adjustable by rotating the head ring (straight spray, flashover and wide angle spray).

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1500	7	Ø244 x 258	7.9	25734
2.5" female NST-NH	2000	7	Ø244 x 188	7.8	22347



Motorised fixed flow rate and adjustable spray pattern diffusers

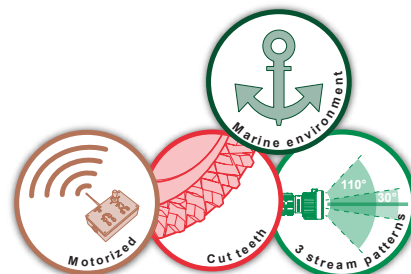


Stainless steel POKADOR



The Pokador fixed flow rate diffusers and adjustable stream patterns are made of stainless steel. The stream shape is obtained by cut teeth. They are designed to be mounted on our POK EasyDrive compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: stainless steel
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



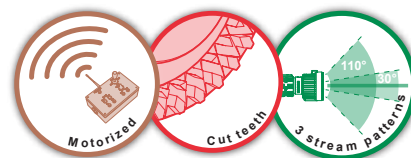
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1500	7	205 x 130 x 167	5.7	27980
2.5" female NST-NH	2000	7	205 x 130 x 167	5.7	26545

Aluminium POKADOR



The Pokador fixed flow rate diffusers and adjustable stream are made of aluminium alloy with hard anodisation and PTFE coating. The stream pattern is shaped by the cut teeth. They are designed to be mounted on our POK EasyDrive compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



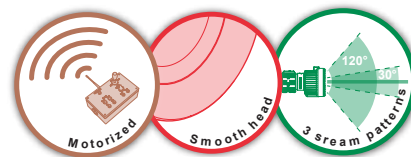
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	277 x 162 x 188	6.6	38041
3.5" female NST-NH	2500	5	222 x 150 x 192	6.6	43492

Aluminium DIFFUSERS with smooth heads



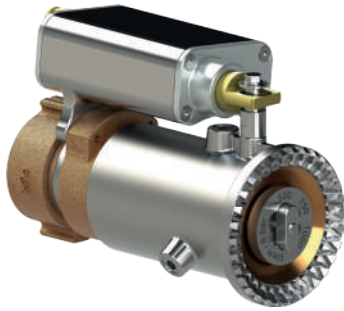
High-power motorised diffusers, made of anodised aluminium alloy, available in two versions: 12000 and 20000 lpm Its motorised spray pattern change offers smooth transition and precision.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth



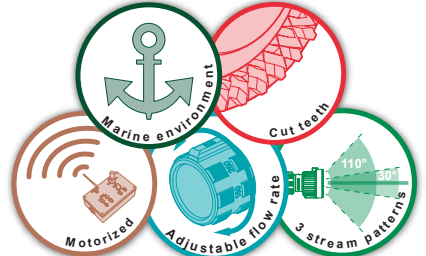
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6" male BSP	12000	9	493 x 199 x 283	20	41642
8" male BSP	20000	7	632 x 382 x 394	34	40101

Stainless steel DEBIKADOR, motorised spray pattern and manual flow rate adjustment



Stainless steel diffuser, motorised spray pattern and manual flow rate adjustment. The features of stainless steel and bronze allow it to be used in a marine environment. Robustness, resistance and exceptional longevity are its main assets.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Flow rate adjustment: motorised
Diffuser head: cut teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500 - 750 - 1000	6	185 x 92 x 132	4.2	41532

DN50 DIFFUSER, motorised spray pattern and manual flow rate adjustment



This diffuser has been specifically developed for our compact motorised monitor, the AGELASTO DN50. Made of aluminium alloy, this diffuser is equipped with manual flow rate adjustment and motorised spray pattern adjustment.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: manual
Power supply: 24V Direct Current
Diffuser head: smooth



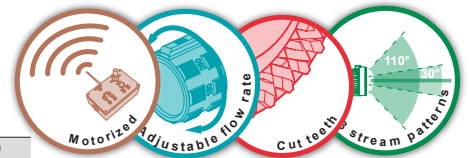
Inlet	Flow rate (lpm)	Pression de service (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	300-500-750-1000	6	189 x 90 x 150	2,8	48004

DEBIKADOR



Motorised diffusers with adjustable 500 to 2000 lpm flow rates, or 1000 to 5000, and motorised adjustable spray patterns (straight spray, flashover and wide angle spray).
 "Debikador" diffusion head with cut teeth.
 2.5" female NST-NH inlet.
 Aluminium alloy construction with 50 microns hard anodisation and teflon coating.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



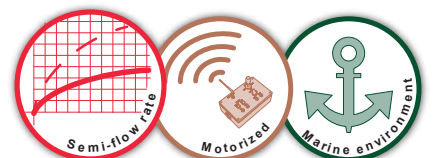
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	342 x 194 x 184	8	34079
2.5" female NST-NH	5000	7	339 x 193 x 183	8	35295

DUAL-FLOW DIFFUSERS with adjustable spray



The POK high-power motorised diffuser allows to reach very high flow rates of 20000 lpm. Its stainless steel and ertacetal composition allows it to work in a marine environment. Spray pattern and flow rate changes are operated by extremely powerful and reliable electric motors.

Maximum working pressure: PN16
Material: ertacetal and stainless steel
Surface treatment: polyester coating
Flow adjustment: motorised and emergency handwheel
Stream adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" female BSP	5000/20000	9	655 x 316 x 367	38	37681
8" female BSP	5000/20000	9	655 x 316 x 367	35	40864

*Model without spray adjustment

AUTOMATIC MOTORISED DIFFUSERS, in aluminium alloy

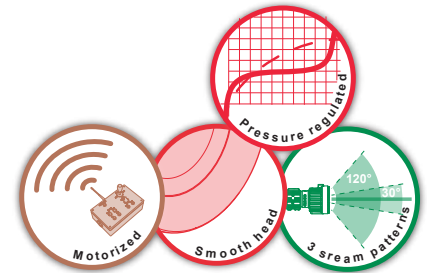


The range of automatic motorised POK diffusers is very substantial. It ranges from 600 to 7500 lpm. These diffusers are made of anodised aluminium alloy, and the motors are made of steel, protected by a stainless steel casing.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	from 600 to 1500	7	195 x 132 x 188	5,3	39550
2.5" female NST-NH	from 600 to 1500	7	199 x 132 x 188	5,3	41103
3.5" female NST-NH	from 600 to 1500	7	230 x 148 x 205	7,8	43490
2.5" female BSP	from 750 to 2000	7	196 x 132 x 188	5,3	39549
2.5" female NST-NH	from 750 to 2000	7	200 x 132 x 188	5,3	41102
3.5" female NST-NH	from 750 to 2000	7	230 x 148 x 205	7,8	43491
2.5" female BSP	from 1100 to 2500	7	198 x 132 x 188	5,3	39548
2.5" female NST-NH	from 1100 to 2500	7	202 x 132 x 188	5,3	41101
3.5" female NST-NH	from 1100 to 2500	7	230 x 148 x 205	7,8	43492
2.5" female BSP	from 1400 to 3000	7	200 x 132 x 188	5,3	39547
2.5" female NST-NH	from 1400 to 3000	7	204 x 132 x 188	5,3	41100
3.5" female NST-NH	from 1400 to 3000	7	230 x 148 x 205	7,8	43493
2.5" female BSP	from 1800 to 3500	7	200 x 132 x 188	5,3	39546
2.5" female NST-NH	from 1800 to 3500	7	204 x 132 x 188	5,3	41099
3.5" female NST-NH	from 1800 to 3500	7	230 x 148 x 205	7,8	43494
2.5" female BSP	from 1100 to 4000	7	223 x 148 x 205	7,2	41098
2.5" female NST-NH	from 1100 to 4000	7	227 x 148 x 205	7,2	41402
3.5" female NST-NH	from 1100 to 4000	7	230 x 148 x 205	7,8	42644
2.5" female BSP	from 1400 to 4500	7	223 x 148 x 205	7,2	41097
2.5" female NST-NH	from 1400 to 4500	7	227 x 148 x 205	7,2	41403
3.5" female NST-NH	from 1400 to 4500	7	230 x 148 x 205	7,8	42645
2.5" female BSP	from 1700 to 5000	7	223 x 148 x 205	7,2	41096
2.5" female NST-NH	from 1700 to 5000	7	227 x 148 x 205	7,2	39464
3.5" female NST-NH	from 1700 to 5000	7	230 x 148 x 205	7,8	40461
3.5" female NST-NH	from 2100 to 6000	7	380 x 170 x 208	6,9	42493
3.5" female NST-NH	from 3000 to 7500	7	380 x 170 x 208	6,9	34684

Compatible with the foam head ref. 43810 from 1500 to 3500 lpm, 2.5" inlet
 Compatible with the foam head ref. 43255 from 1500 to 3500 lpm, 3.5" inlet and from 4000 to 5000 lpm



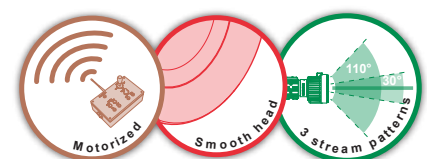
AUTOMATIC MOTORISED DIFFUSERS, In aluminium alloy



These automatic pressure regulated diffusers are made of aluminium alloy and equipped with motorised spray pattern adjustment. these diffusers exist in a version compatible with our compact motorised monitor AGELASTO DN50.

Maximum working pressure: PN16
Material: aluminium alloy
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Débit (L/min)	Working pressure (bar)	AGELASTO DN 50	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	From 500 to 1000	7	•	223 x 160 x 115	2,75	47230
2" female BSP	From 500 to 1500	7	•	223 x 160 x 115	2,75	47231
2" female BSP	From 500 to 2000	7	•	223 x 160 x 115	2,75	47232
2" female BSP	From 500 to 2500	7	•	223 x 160 x 115	2,75	47233
2.5" female NST-NH	From 500 to 1000	7	•	254 x 160 x 115	2,9	47234
2.5" female NST-NH	From 500 to 1500	7	•	254 x 160 x 115	2,9	47235
2.5" female NST-NH	From 500 to 2000	7	•	254 x 160 x 115	2,9	47236
2.5" female NST-NH	From 500 to 2500	7	•	254 x 160 x 115	2,9	47237

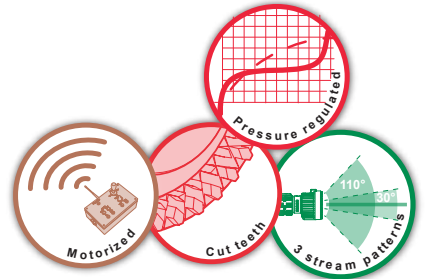


AUTOKADOR with cut teeth, in aluminium alloy



Autokador diffuser heads with automatic pressure regulation are made of anodised aluminium alloy. They offer automatic flow rate regulation ranging from 1000 to 5000 lpm at 7 bar. The diffused spray is obtained by fixed aluminium alloy teeth. They are designed to be mounted on our POK EasyDrive compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



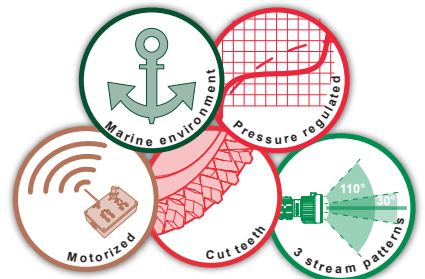
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 1000 to 3000	7	277 x 162 x 188	6.6	29209
3.5" female NST-NH	from 1000 to 3000	7			43493
2.5" female NST-NH	from 2000 to 5000	7	210 x 150 x 192	5.8	25875
3.5" female NST-NH	from 2000 to 5000	7	219 x 150 x 192	6.3	22405

AUTOKADOR, in stainless steel



Autokador diffusion heads with automatic pressure regulation are made of stainless steel. They offer automatic flow rate regulation ranging from 1000 to 6000 lpm at 7 bar. The diffused spray is obtained by fixed cut teeth. They are designed to be mounted on our POK EasyDrive compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: stainless steel
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



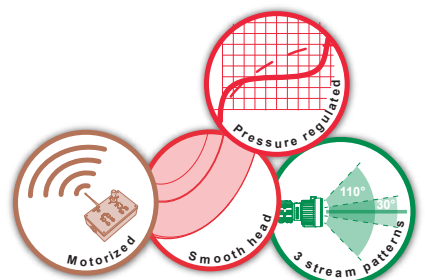
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	from 500 to 1000	7	183 x 87 x 132	4.4	19023
2.5" female NST-NH	from 1000 to 3000	7	228 x 130 x 167	6.5	19063

AUTOKADOR smooth head, in aluminium alloy



Autokador diffuser heads with automatic pressure regulation are made of aluminium alloy. They offer an automatic regulation range from 5000 to 20000 lpm at 7 bar. They are designed to be mounted on our POK EasyDrive compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6" male BSP	from 5000 to 10000	7	493 x 199 x 283	19	29085
6" male BSP	from 5000 to 15000	7	494 x 234 x 318	26	29088
8" male BSP	from 8000 to 20000	7	664 x 380 x 393	38	30229

Self-educing diffusers, in aluminium alloy



Our range of self-educing diffusers (2000 or 3000 lpm) is made of aluminium alloy for a PN16 use. Their suction can be calibrated at 3% or 6%. These diffusers are delivered with a suction rod. They are made to be mounted on our POK EasyDrive monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	339 x 162 x 207	6	22122
2.5" female NST-NH	3000	7	339 x 162 x 207	6	22123



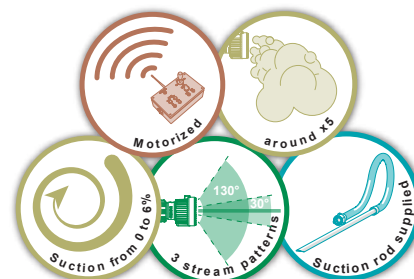
Self-educing diffuser with suction valve, made of aluminium alloy



Our self-educing diffuser offers a flow rate of 4000 lpm at 10 bar. It is equipped with a suction valve allowing the suction to be set at 0%, 3% or 6% for a x5 foam expansion. It is designed to equip POK EasyDrive compatible monitors. The spray is controlled by an electric actuator equipped with stops. It is made of anodised aluminium alloy for PN16 use. Supplied with suction rod.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 0, 3 or 6%
Expansion rate: approx. x5

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	4000	10	463 x 160 x 443	9.5	40600



Self-educing stainless steel and bronze diffusers



Our range of self-educing diffusers (2000 or 3000 lpm) is made of stainless steel and bronze for a PN16 use. Their suction can be calibrated at 3% or 6%. These diffusers are delivered with a suction rod. They are made to be mounted on our POK EasyDrive monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	295 x 200 x 136	9.6	22343
2.5" female NST-NH	3000	7	295 x 200 x 136	9.6	22344



The range of spray nozzles offers multiple flow rate and spraying possibilities: conical, sheet, 90° sheet. It is available in aluminium alloy, brass or bronze in order to best fit to the environment in which it will be installed.

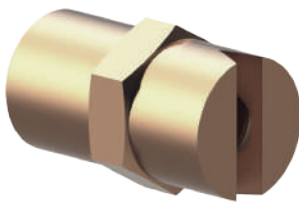
Spray nozzles in aluminium alloy



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" female BSP	25	6	Ø35 x 60	0.12	18824
1" male BSP	30	6	Ø35 x 83	0.07	18825
3/4" male BSP	35	5	Ø30 x 73	0.08	23274

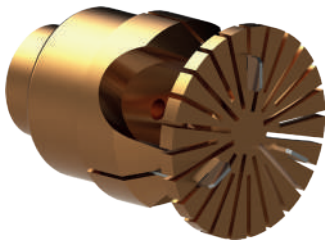
Spray nozzles in brass



Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1/4" male BSP	28	6	Ø16 x 26	0.02	14865
3/4" male BSP	50	6	Ø32 x 43	0.17	15068
3/4" male NPT	235	6	Ø37 x 49	0.16	18867

Spray nozzles in brass, for tanks, with flammable liquids and gas, protection



Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" male BSP	30	6	Ø50 x 71	0.36	09212

DELUGE NOZZLE in bronze



Bronze diffuser head with adjustable flow rate, from 10 to 240 lpm, allowing a cylindrical spray.

Maximum working pressure: PN16
Material: bronze



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1/2" male NPT	10-120 lpm	6 bar	Ø35 x 80	0.38	28011
3/4" male NPT	20-180 lpm	6 bar	Ø45 x 80	0.58	28006
1" male NPT	20-240 lpm	7 bar	Ø54 x 90	0.81	34578

Our range of "gigogne" nozzles is made of anodised aluminium. It allows multiple combinations in order to adapt the optimum outlet equipment according to the flow rate and pressure available at the branchpipe. This multitude of combinations will allow you to obtain a four "gigogne" branchpipe.

Dual stream "gigogne"



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
1.5" female NST-NH	15/16" x 0.5"	24 x 12	Ø60 x 198	0.54	01586
1.5" female NST-NH	1.125" x 0.5"	30 x 12	Ø60 x 205	0.71	08907
1.5" female NST-NH	1.25" x 0.5"	32 x 12	Ø60 x 205	0.66	08908
1.5" female NST-NH	1.125" x 1"	30 x 25	Ø60 x 205		08909
1.5" female NST-NH	1.25" x 1"	32 x 25	Ø60 x 205	0.60	08910

See chapter "Hand nozzles" for smooth bores

Triple stream "gigogne"



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
1.5" female NST-NH	1.25" x 1.125" x 1"	32 x 30 x 25	Ø60 x 300	0.94	08911

See chapter "Hand nozzles" for smooth bores

Quad stream "gigogne"



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
2.5" female NST-NH	1.5" x 1.25" x 1.125" x 1"	40 x 32 x 30 x 25	Ø107 x 429	1.6	08283
2.5" female NST-NH	2" x 1.75" x 1.5" x 1.325"	50 x 45 x 38 x 35	Ø107 x 441	1.8	08282

See chapter "Hand nozzles" for smooth bores

Quadruple stream "gigogne", with 100 mm stream rectifier



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
2.5" female NST-NH	1.5" x 1.25" x 1.125" x 1"	38 x 32 x 30 x 25	Ø107 x 531	2.4	08284
2.5" female NST-NH	2" x 1.75" x 1.5" x 1.325"	50 x 45 x 38 x 35	Ø107 x 542	2.6	08286

See chapter "Hand nozzles" for smooth bores

Stream rectifiers are made of hard anodised aluminium alloy. They are designed to suppress turbulence and thus improve the range of the fire hoses. Depending on the flow rate and pressure, the gains can range from 3 to 10 metres.

Stream rectifiers



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Length (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	1.5" male BSP	150	Ø48 x 150	0.30	09323
1.5" female NST-NH	1.5" male NST-NH	215			02318
2.5" male BSP	2.5" male BSP	58	Ø75 x 58	0.24	11376
2.5" male BSP	2.5" male BSP	246	Ø75 x 246	0.80	03187
2.5" female NST-NH	2.5" male NST-NH	115	Ø107 x 120	0.78	01396
2.5" female NST-NH	2.5" male NST-NH	330	Ø107 x 327	1.5	02319
3.5" female NST-NH	3.5" male NST-NH	152	Ø151 x 152	1.6	21778
3.5" female NST-NH	3.5" male NST-NH	326	Ø151 x 326	2.6	17877

Concentric reduction for hand nozzles



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1" male NST-NH	24	Ø60 x 110	0.28	01592
2.5" female NST-NH	1.5" male NST-NH	40	Ø107 x 145	0.70	03452
2.5" female NST-NH	2" male NST-NH	50	Ø107 x 160	0.69	08285
ISO M52 x 300 female	ISO M52 x 300 male	30	Ø60 x 110	0.32	16484
ISO M52 x 300 female	ISO M52 x 300 male	35	Ø60 x 110	0.32	16483
2.5" male BSP	ISO M52 x 300 male	40	Ø75 x 122	0.46	01533

TURBOKADOR Hand nozzle



Water aluminium branchpipe



Straight spray water branchpipe made of aluminium alloy with hard anodising. This branchpipe is designed to be mounted on a monitor. The smooth bore is interchangeable in order to obtain the desired flow rate and range depending on the situation.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Flow rate (lpm)		Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
	Nozzle Ø25 mm	Nozzle Ø35 mm				
2.5" male BSP	1000	2100	7	Ø88 x 461	1.8	07755
DSP DN65, with lock	1000	2100	7		2.1	07409
AR DN100, with lock	1000	2100	7		2.8	01517

Water stainless steel branchpipe with duckbill nozzle



Water branchpipes in stainless steel are designed to be mounted on monitor with 2.5" outlet. It allows a water/foam use at 1400 lpm at 7 bar in a marine or corrosive environment. Its duckbill nozzle allows it to obtain a flat spray to cover a vast ground surface.

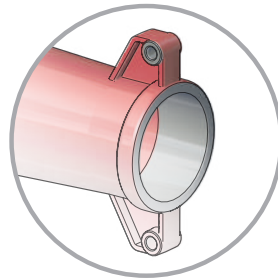
Maximum working pressure: PN16
Material: stainless steel
Duckbill nozzle adjustment: handwheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1400	7	725 x 265 x 77	4.8	20247
2.5" female NST-NH	2000	7	749 x 268 x 107	5.6	42498

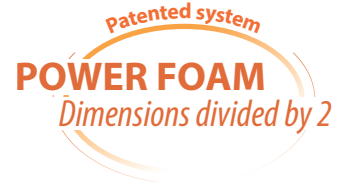
"PIL" hose



Ultra short "POWER FOAM" water-foam branchpipes, without self-education (patented)



Dents for duckbill nozzle fixing



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated

Options: duckbill nozzle

The "POWER FOAM" water-foam branchpipes range without self-education is made of anodised aluminium alloy with red polyester coating. Its unique (patented) foam production system offers unrivalled foam expansion and range.



Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	1000*	7	45	Ø86 x 315	1.4	24174
1.5" female BSP	1000*	7	45	Ø86 x 317	1.3	24377
2.5" male BSP	1500	7		Ø130 x 433	3.1	23989
2.5" male BSP	2000	7	60	Ø130 x 433	3.1	24038
2.5" male BSP	2400	7	65	Ø130 x 433	3	28444
2.5" male BSP	3000	7		Ø130 x 433	3.1	27023
3.5" female NST-NH	3000	7		604 x 214 x 157	6.1	24042
2.5" male BSP	4000	7		Ø130 x 443	3.1	25947
3.5" female NST-NH	4000	7		604 x 214 x 157	6.1	24046
3.5" female NST-NH	5000	7	75	604 x 214 x 157	6.1	24169
3.5" female NST-NH	6000	7	85	702 x 218 x 204	10.4	24079
3.5" female NST-NH	8000	7		702 x 218 x 204	10.34	25422
3.5" female NST-NH	9000	7		702 x 200 x 229	10.4	27816
6" female NST-NH	10000	7		1001 x 242 x 254	17	43253
6" female NST-NH	12000	7		1001 x 242 x 254	17	43254
6" female NST-NH	15000	7		1001 x 242 x 254	17	42924
8" male BSP	20000	7		1710 x 387 x 387	37	39943
8" male BSP	25000	7		1710 x 387 x 387	37	39809

*800 lpm at 5 bar

Ultra short "POWER FOAM" water-foam self-educating branchpipes



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Supplied with suction rod: yes

Options: duckbill nozzle

The self-educating water-foam branchpipe is made of anodised aluminium alloy with red polyester coating. Its new self-educating foam production system offers unrivalled range and foam expansion performance.

Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	GFR male DN20	2000	7	548 x 285 x 157	5.4	29152
3.5" female NST-NH	1.5" male BSP	4000	7	719 x 286 x 214	9.6	29161
2.5" female BSP	1.5" male BSP	4000	7	677 x 286 x 214	7	41981



Best characteristics
 The majority of our branchpipes
POWER FOAM
 are available with duckbill nozzles
 Contact us for more information

Ultra-short "POWER FOAM" water-foam branchpipes with duckbill nozzle, without self-education



Patented system
POWER FOAM
 Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Duckbill nozzle adjustment: handwheel

The "POWER FOAM" water-foam branchpipes with duckbill nozzles are made entirely of aluminium alloy with anodising and polyester coating. They offer a flow rate of 5000 lpm at 7 bar and are equipped with a duckbill nozzle.

Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2000	7		724 x 268 x 350	6.6	25452
3.5" female NST-NH	5000	7	75	986 x 422 x 418	14.4	25167



Self-educating water-foam branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: handwheel
Supplied with suction rod: yes

The self-educating water-foam branchpipes equipped with a duckbill nozzle is made entirely of aluminium alloy with an anodisation and polyester coating. It offers a 10000 lpm flow rate at 7 bar.

A calibrated suction orifice allows a fixed suction from 0% to 6% (depending on request).

Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
6" female NST-NH	10000	7	90	1441 x 286 x 455	31	29558



Self-educating water-foam branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: handwheel
Supplied with suction rod: yes

The water-foam branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy and polyester coating. It offers a 4000 lpm flow rate at 7 bar. This version is equipped with a self-education system, allowing the suction to be adjusted from 0 to 6%.

Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH		4000	7			29457



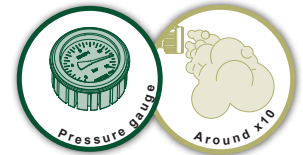
Water-foam branchpipes, without self-education



The range of water-foam branchpipe without self-education is made of anodised aluminium alloy with red polyester coating. It offers a flow rate from 1000 to 5000 lpm. They are equipped with pressure gauge at the inlet, and are designed to be mounted on 2.5" to 4" monitor.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Pressure gauge: yes

Options: duckbill nozzle



Inlet	Flow rate / Working pressure				Range (m)	Dimensions (mm)	Weight (kg)	Ref.
	LPM	Bar	GPM	(PSI)				
2.5" male BSP	1000	7			40	705 x 142 x 100	2.7	18640
2.5" female NST-NH			250	100	40	738 x 142 x 100	3	08975
2.5" male BSP	1500	7			45	705 x 142 x 100	2.6	07754
2.5" female NST-NH			400	100	45	738 x 142 x 100	2.9	08976
2.5" male BSP	2000	7			50	705 x 142 x 100	2.6	07753
2.5" female NST-NH			500	100	50	738 x 142 x 100	2.9	08977
2.5" female NST-NH			800	100	60	738 x 142 x 100	2.9	08978
2.5" male BSP	3000	7			60	705 x 142 x 100	2.6	07752
4" female NST-NH			1000	100	70	945 x 175 x 138	5.7	08979
4" female NST-NH			1350	100		945 x 175 x 138	5.7	08980
4" female NST-NH			2000	100		945 x 175 x 138	5.7	08981
4" male BSP	4000	7			70	898 x 122 x 170	5.2	07750
4" male BSP	5000	7				898 x 122 x 170	5.1	07749

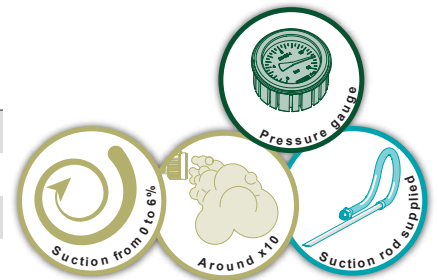
Self-educating water-foam branchpipe



The self-educating water-foam branchpipes made of anodised aluminium alloy with red polyester coating offer flow rates ranging from 1000 to 7500 lpm. They are delivered with a pressure gauge and a suction rod.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Supplied with suction rod: yes
Pressure gauge: yes

Options: duckbill nozzle



Inlet	Suction coupling	Flow rate / Working pressure				Range (m)	Dimensions (mm)	Weight (kg)	Ref.
		LPM	Bar	GPM	(PSI)				
2.5" male BSP	GFR male DN20	1000	7			40	870 x 232 x 149	4.7	18253
2.5" female NST-NH	GFR male DN20			250	100	40	894 x 232 x 149	4.9	18285
2.5" male BSP	GFR male DN20	1500	7			45	870 x 232 x 149	4.6	18261
2.5" female NST-NH	GFR male DN20			400	100	45	894 x 232 x 149	5.1	18293
2.5" male BSP	GFR male DN20	2000	7			50	908 x 250 x 153	5.1	19699
2.5" female NST-NH	GFR male DN20			500	100	50	932 x 250 x 153	5.7	08969
2.5" male BSP	GFR male DN20	2400	7			54	908 x 250 x 153	5	19703
2.5" female NST-NH	GFR male DN20			635	100		932 x 250 x 153	5.2	08970
2.5" male BSP	GFR male DN20	2500	7				908 x 250 x 153	5.5	43447
2.5" male BSP	GFR male DN20	2700	7			65	908 x 250 x 153	5.4	20721
2.5" male BSP	GFR male DN20	3000	7			67	908 x 250 x 153	5.4	07747
2.5" male BSP	1" male BSP	3000	7			67	908 x 250 x 153	5.4	42555
4" female NST-NH				800	100	67			08971
4" male BSP	1.5" male BSP	4000	7			70	1213 x 301 x 187	10	19867
4" female NST-NH				1000	100	70			08972
4" male BSP	1.5" male BSP	6000	7				1213 x 301 x 187	9.7	19875
3.5" female NST-NH	2" male BSP	7500	7				1291 x 283 x 160	10	30590

Best characteristics
 The majority of our branchpipes
WATER-FOAM
 are available with a motorized duckbill nozzle
 Contact us for more information

Water-foam self-educing branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: by lever
Supplied with suction rod: yes

The 1500 lpm at 7 bar water-foam branchpipe at 7 bar with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It is equipped with a multiposition duckbill nozzle, a pressure gauge and a hose with a suction rod.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	GFR male DN20	1500	7	1148 x 316 x 258	7.9	18306

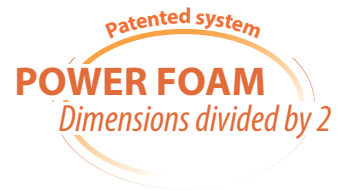
Siamese connection



Water-foam "POWER FOAM" stainless steel branchpipe, without self-education



The "POWER FOAM" water-foam stainless steel branchpipe without self-education with a flow rate of 500 to 15000 lpm at 7 bar has been specifically designed for use in marine or outdoor environments. It is designed to be mounted on a 1.5" to 6" monitor.



Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: duckbill nozzle



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500	7	Ø70 x 243	1.1	25833
2.5" female NST-NH	1000	7	Ø95 x 458	3	24260
2.5" female NST-NH	1200	7	Ø95 x 458	3	24231
2.5" female NST-NH	1500	7	Ø95 x 458	3	24263
2.5" female NST-NH	2400	7	Ø95 x 458	3	33875
2.5" female NST-NH	3000	7	Ø114 x 588	5	42067
6" female NST-NH	6000	7	Ø240 x 845	16.3	27841
3.5" female NST-NH	8000	7	Ø188 x 880	17	42075
6" female NST-NH	9000	7	Ø240 x 845	16.1	27844
6" female NST-NH	11000	7	Ø240 x 845	16	27847
6" female NST-NH	12000	7	Ø240 x 845	16	40868
6" female NST-NH	15000	7	Ø240 x 845	16	42989

Water-foam stainless steel branchpipes, without self-education



The water-foam stainless steel branchpipe without self-education with a flow rate from 1000 to 9000 lpm at 7 bar was specifically designed for use in a marine environment. It is designed to be mounted on a 2.5" to 4" monitor.

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: duckbill nozzle



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000	7			07763
2.5" male BSP	1500	7			07764
2" female BSP	1500	7	Ø92 x 573	2.7	18406
2.5" male BSP	2000	7			07765
3" female BSP	2350	7	Ø134 x 863	4.33	15645
2.5" male BSP	2800	7			07766
3" female BSP	3800	7	Ø134 x 863	5.4	15632
3" female BSP	4000	7	Ø134 x 863	5.4	18407
Flange 4" ASA150	9000	7	Ø228 x 1089	15.30	13496

Water-foam stainless steel branchpipe with duckbill nozzle, without self-education



This foam branchpipe with a flow rate of 2000 lpm is made entirely in stainless steel in our French workshops, in accordance with the most traditional rules of the metal industry. It is equipped with a manually adjustable duckbill nozzle.

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: duckbill nozzle



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2000	7	893 x 254 x 232	7.5	42090

Best characteristics
 The majority of our branchpipes
WATER-FOAM
 are available with a motorized duckbill nozzle
 Contact us for more information

Water-foam stainless steel branchpipe, with self-education

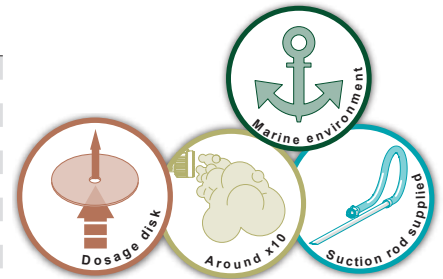


The self-educing water-foam stainless steel branchpipe offers a 500 to 15000 lpm flow rate range at 7 bar. It is delivered with a hose and suction rod.

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Suction percentage: 6%
Supplied with suction rod: yes

Options: duckbill nozzle

Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	GFR male DN20	500	12	688 x 60 x 115	2.6	21686
3" female BSP	1" male BSP	1400	7	782 x 110 x 123	4.8	19955
2.5" male BSP	1" male BSP	1400	7	767 x 84 x 110	3.8	20507
2.5" male BSP	1.5" male BSP	2000	7			07768
2.5" male BSP	1.5" male BSP	2800	7	848 x 120 x 129	5.8	22067
2.5" male BSP	1.5" male BSP	3000	7	848 x 120 x 129	5.8	07769
3" female BSP	1.5" male BSP	3000	7	874 x 110 x 122	5.3	12873
3.5" female NST-NH	Storz C/52	5000	7	1386 x 146 x 201	15	43399
3.5" female NST-NH	Storz C/52	6000	7	1589 x 248 x 268	21	15906
Flange DN150 PN16	SG DN65	15000	7	1141 x 285 x 391	40	43641



Water-foam self-educing stainless steel branchpipe with duckbill nozzle



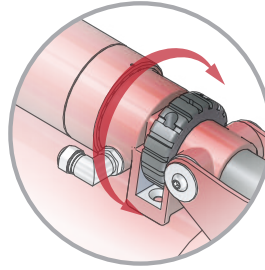
Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Suction percentage: 3%
Duckbill nozzle adjustment: handwheel
Supplied with suction rod: yes

The water-foam stainless steel branchpipes are equipped with a duckbill nozzle and are self-educing. They are intended for a marine or outdoor environment use. They are designed to be mounted on monitors in order to offer multiple possibilities of water or foam projection.

Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1" male BSP	1400	7	917 x 254 x 230	8.5	21723
2.5" male BSP	1.5" male BSP	2000	7	921 x 254 x 230	8.3	25521



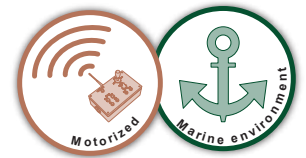
Branchpipes with dispersion claw, without self-education



Emergency knob to adjust the dispersion claw

Maximum working pressure: PN16
Material: stainless steel
Surface treatment : polyester coated
Diffusion claw: yes
Claw adjustment: motorised and emergency knob
Power supply: 24 V Direct Current

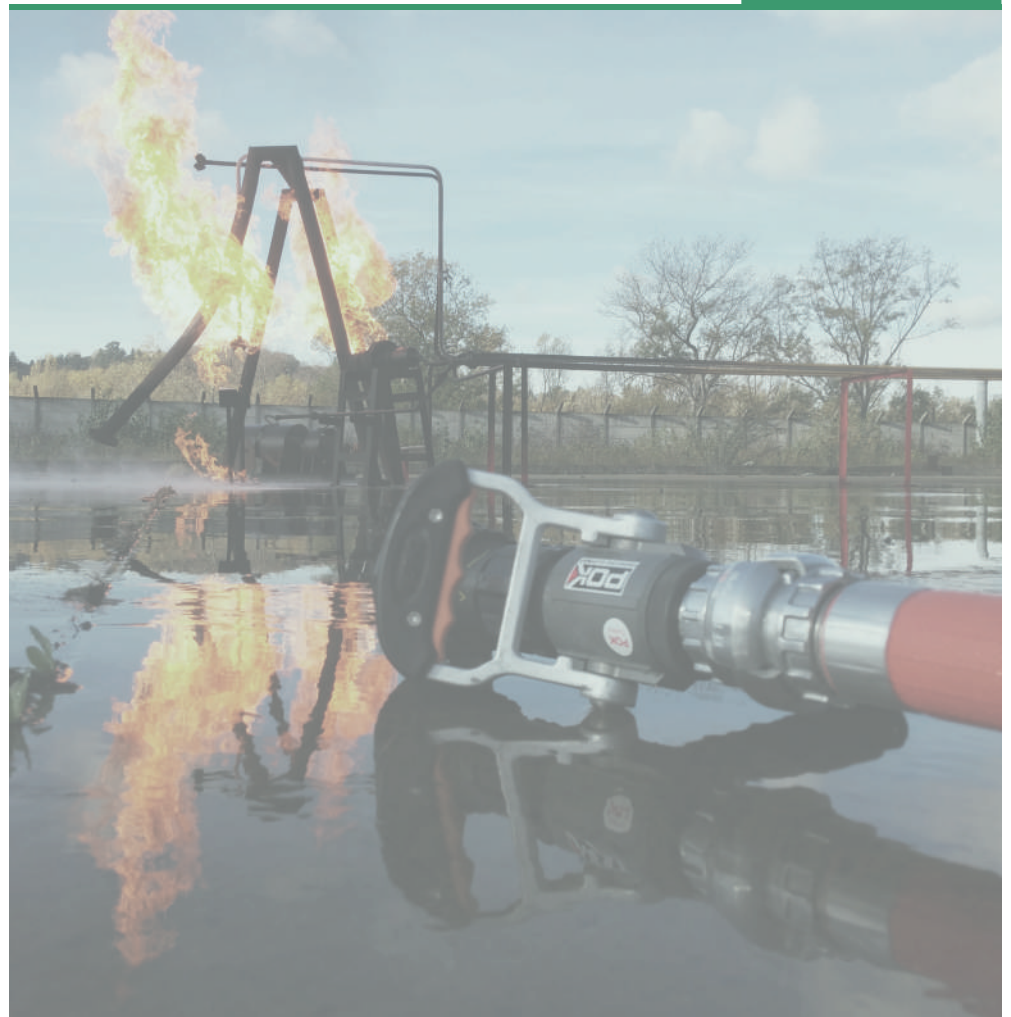
This high-powered stainless steel branchpipe with polyester coating has the particularity of being equipped with a motorised dispersion claw. The latter makes it possible to offer different types of flat sprays depending on the situations encountered.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" female BSP	20000	9	1091 x 225 x 318	23	40866
8" female BSP	20000	9	864 x 225 x 225	21	40411 *

*Model without diffusion claw

MAGIKADOR nozzle



Best characteristics
 The majority of our branchpipes **POWER FOAM** are available with duckbill nozzles
 Contact us for more information

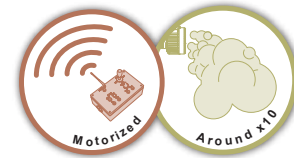
Water-foam "POWER FOAM" branchpipes with duckbill nozzle, without self-education



The patented water-foam "POWER FOAM" branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate ranging from 3000 to 15000 lpm at 7 bar and is equipped with a duckbill nozzle. The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The electric control of the duckbill nozzle is made using the diffusers joystick. End-of-movement detection is done by detecting intensity peaks.

Patented system
POWER FOAM
 Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle: yes
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current



Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	3000	7		752 x 268 x 260	7	41615
2.5" female NST-NH	4000	7		752 x 268 x 260	7	43044
3.5" female NST-NH	4000	10		986 x 421 x 394	16	43961
3.5" female NST-NH	5000	7	75	986 x 421 x 394	16	25364
3.5" female NST-NH	5000	10		986 x 421 x 394	15	43962
3.5" female NST-NH	6000	7		1008 x 288 x 409	19	35991
3.5" female NST-NH	6000	10		986 x 421 x 394	15	43425
6" female NST-NH	9000	7		1307 x 286 x 413	25	43252
6" female NST-NH	10000	7		1307 x 286 x 413	25	34031
6" female NST-NH	12000	7		1307 x 286 x 413	25	42599
6" female NST-NH	15000	7		1307 x 286 x 413	25	32835

Water-foam stainless steel branchpipe "POWER FOAM" with duckbill nozzle (patented)



Patented system
POWER FOAM
 Dimensions divided by 2

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current



This water-foam "POWER FOAM" branchpipe with a 3000 lpm flow rate is made of stainless steel in our French workshops, respecting the most traditional rules of the metal industry. It is equipped with a motorised duckbill nozzle offering progressiveness and precision.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3" female BSP	3000	7	702 x 253 x 258	10	41933

Best characteristics
 The majority of our branchpipes
WATER-FOAM
 are available with a motorized duckbill nozzle
 Contact us for more information

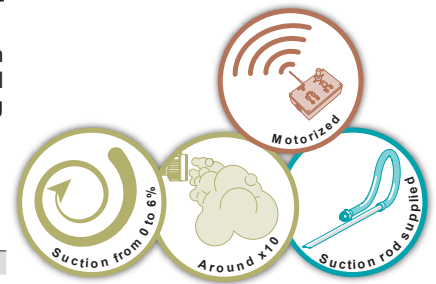
Water-foam self-educing "POWER FOAM" branchpipe with duckbill nozzle



Patented system
POWER FOAM
 Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current
Supplied with suction rod: yes

The patented water-foam "POWER FOAM" branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate of 4000 lpm at 7 bar and is equipped with a duckbill nozzle. It is delivered with a flexible hose and a suction rod. The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The monitoring of the duckbill nozzle is made using the diffusers joystick. End-of-movement detection is done by detecting intensity peaks.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	1.5" female BSP	4000	7	1101 x 420 x 394	16	29307

Water-foam dual-flowrate "POWER FOAM" branchpipe, with duckbill nozzle (patented)

New design
motorized
DUAL FLOW RATE

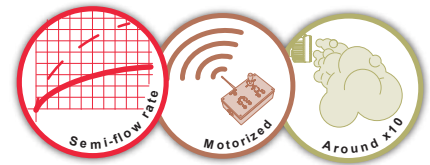


Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle adjustment: motorised
Flow rate adjustment: motorised
Power supply: 24V Direct Current

Our "POWER FOAM" dual-flow branchpipes are equipped with a device developed and patented by POK allowing a significant reduction in size and a 30% improvement in hydraulic performance.

They offer the possibility to be equipped with a motorised duckbill nozzle.

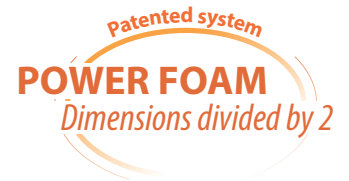


Inlet	Flow rate (lpm)	Working pressure (bar)	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
3" female BSP	1500/3000	8		1064 x 268 x 286	14	42116
3.5" female NST-NH	1800/3600	7	65	1079 x 268 x 286	15	42559
3.5" female NST-NH	2000/4000	8		1079 x 268 x 286	15	42121
3.5" female NST-NH	2000/4000	7	68	1079 x 268 x 286	15	33936
3.5" female NST-NH	3000/6000	7		1008 x 286 x 413	23	42917
3.5" female NST-NH	3000/6000	10	85	1008 x 286 x 413	23	43410
3.5" female NST-NH	3800/7600	10	87	1008 x 286 x 413	23	39432
6" female NST-NH	5000/10000	7		1040 x 288 x 416	23	37854
6" female NST-NH	5000/10000	10		1008 x 288 x 409	24	43973
6" female NST-NH	6000/12000	10	105	1269 x 286 x 446	30	41228

Foam equipment



Water-foam dual-flowrate "POWER FOAM" branchpipe, without duckbill nozzle (patented)

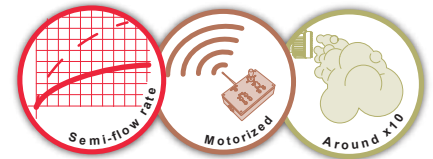


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Power supply: 24V Direct Current

The water-foam branchpipe is made entirely of anodised aluminium alloy with polyester coating. It offers the possibility of a 3000-6000 lpm, 9000-18000 lpm, or 12000-24000 lpm flow rate at 7 bar.

It also has a pressure gauge.

The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The electric control of the branchpipe is carried out by means of a joystick on a FULL remote control.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	3000/6000	7			44257
8" male BSP	9000/18000	7	1754 x 390 x 390	48	32054
8" male BSP	12000/24000	7	1754 x 376 x 395	49	43965

Powder-foam branchpipes (patented)

Approved by navy
This powder-foam branchpipe
protects
The FRENCH NAVY



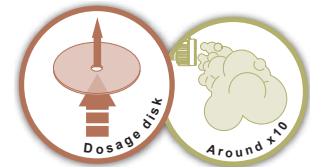
Powder-foam branchpipes made of anodised aluminium alloy with polyester coating combine two functions: foam and powder spraying. The combination of the two devices, operating simultaneously, offers the advantage of significantly improving the range of the branchpipe. This dual system offers unrivalled efficiency in extinguishing hydrocarbon fires and has been adopted by the French Navy.

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Expansion rate: approx. x10

Options: duckbill nozzle

Inlet	Powder coupling	Foam flow rate (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	Swivelling 1.25" female BSP	2000	10 kg/s	7	748 x 130 x 177	6	17294
2.5" female NST-NH		2000	10 kg/s	7		6.3	18703
2.5" female BSP	Swivelling 1.25" female BSP	1200	10 kg/s	7	579 x 134 x 177	4.3	19100
2.5" female BSP	Swivelling 1.25" female BSP	1500	10 kg/s	7	579 x 134 x 177	5.3	20758
2.5" female BSP	Swivelling 1.25" female BSP	3650	10 kg/s	7	748 x 177 x 130	5,9	21632
3.5" female NST-NH	2.5" male BSP	4800	40 kg/s	7	806 x 204 x 335	14.5	31312
3.5" female NST-NH	2.5" male BSP	4800	40 kg/s	10	806 x 204 x 335	14.6	28043
3.5" female NST-NH	Swivelling Storz B/75	8000	20 kg/s	7	806 x 204 x 287	14.7	21780



Hand nozzles



These foam heads have been designed to equip our diffusers and are delivered with assembly systems for quick assembly and disassembly. They are available for 3000 and 5000 lpm diffusers, in low and medium foam expansion versions.

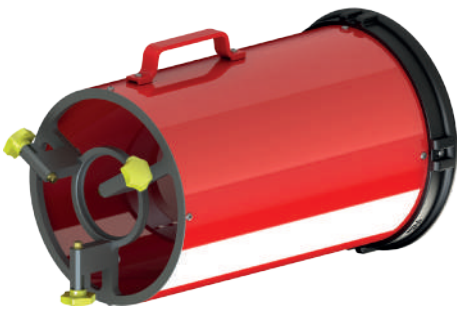
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated

Low and medium expansion 3000 lpm foam heads



Description	Weight (kg)	Ref.
Medium expansion foam head 3000 lpm	3.9	15542
Low expansion foam head 3000 lpm	3	15544

Low expansion 1500 to 3500 lpm foam heads



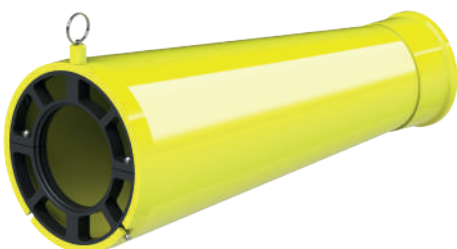
Description	Weight (kg)	Ref.
Low expansion foam head for automatic diffusers from 1500 to 3500 lpm, without head sheet	5	42962
Low expansion foam head for automatic diffusers from 1500 to 3500 lpm, with head sheath	5.1	42953

Low expansion 4000 to 5000 lpm foam heads

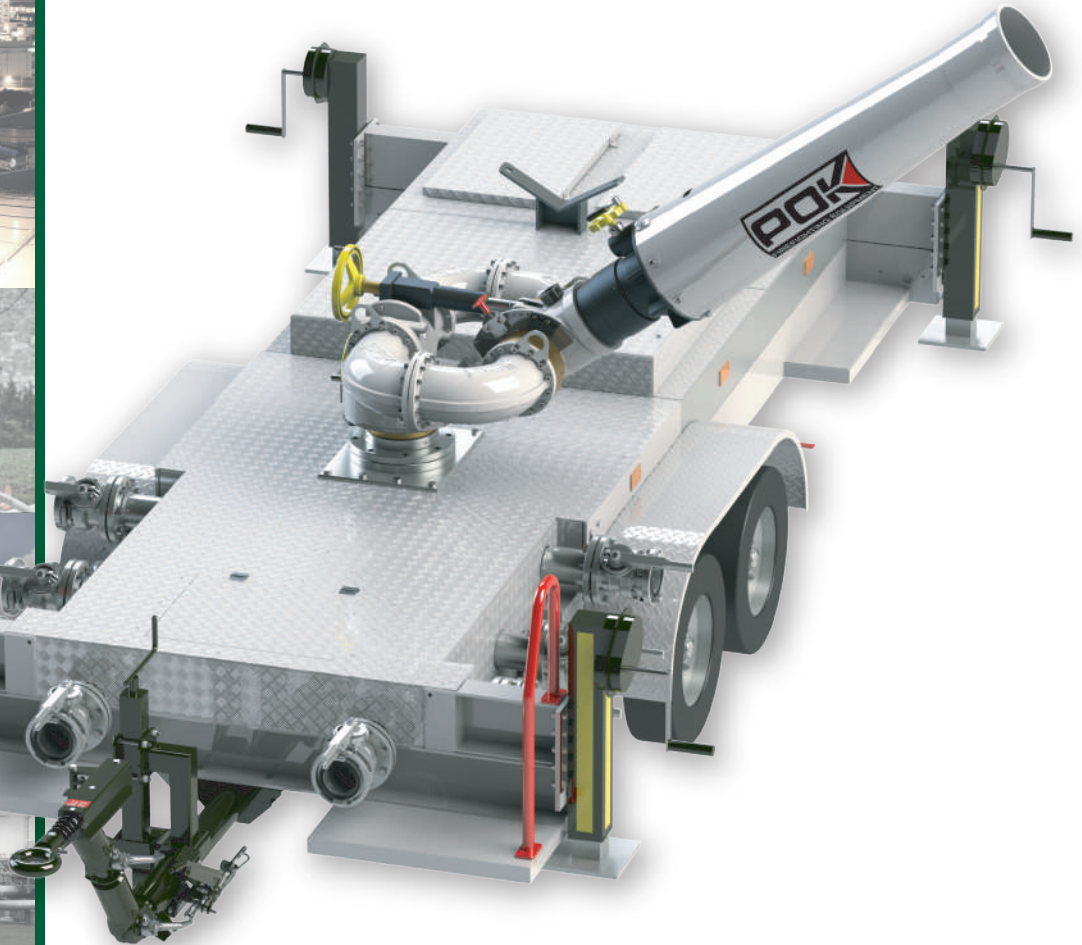
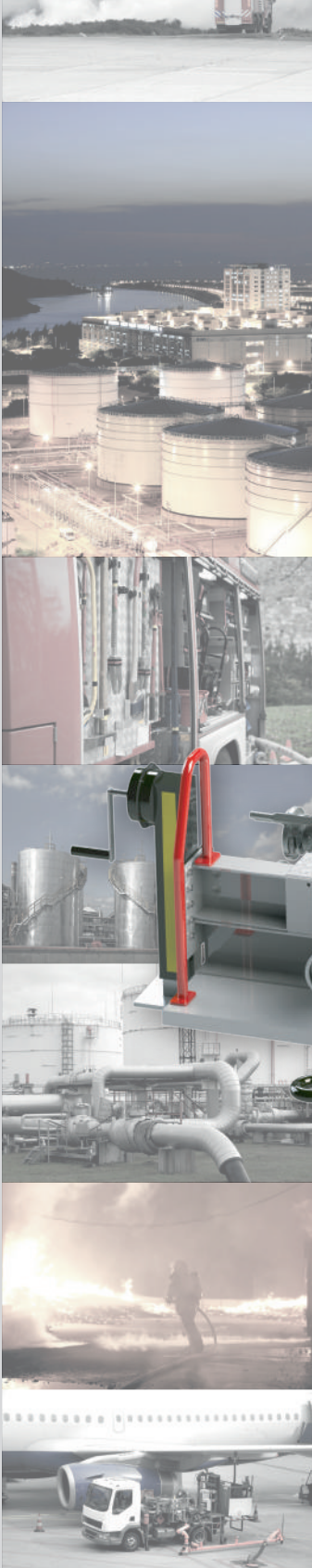


Description	Weight (kg)	Ref.
Low expansion foam head for automatic diffusers from 4000 to 5000 lpm, without head sheet	5.5	20295
Low expansion foam head for automatic diffusers from 4000 to 5000 lpm, with head sheet	4.8	42941

Low expansion foam heads, compatible with motorised automatic diffusers



Description	Weight (kg)	Ref.
Low expansion foam head, compatible with motorised automatic diffusers From 1500 to 3500 lpm, inlet 2.5"	3	43810
Low expansion foam head, compatible with motorised automatic diffusers From 4000 to 5000 lpm, inlet 2.5" And 1500 to 5000 lpm, inlet 3.5"	3	43255
Low expansion foam head, compatible with motorised automatic diffusers 6000 to 7500 lpm, inlet 3.5"	2,9	45639



Towable trailers*

Towable monitors	234	Towable foam units	243
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English catalogue - Rev J - 02/2023 - Illustrations are only informative

*The following models are examples of our production, other configurations are possible on request.

Trailer type "Delta Light" with Azimutor



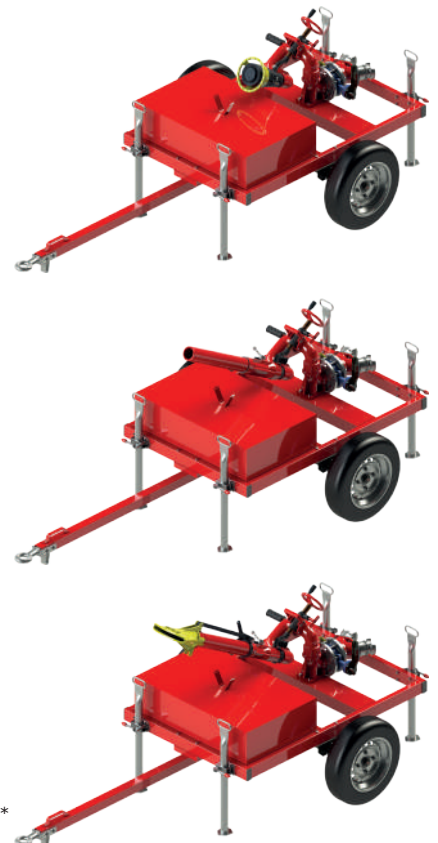
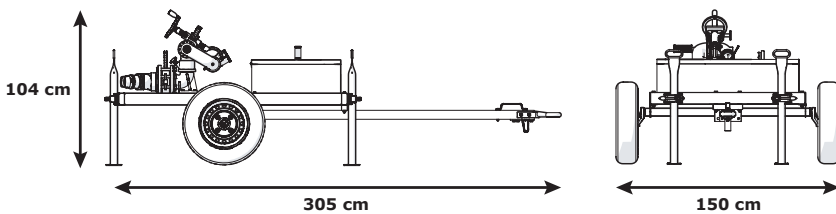
Monitors
manual ou motorised
recommended
Ø 80 mm

Recommended
outlet equipment
Ø 2.5"
Flow rate
3000 lpm

Material: aluminium alloy and stainless steel
Max. weight supported by the axle: 500 kg
Wheel dimensions: 145/70 R13
Stands: 4x 200kg
Storage box: yes

Options: monitor, outlet equipment, dimensions, and number of inlets

4 stabilizing legs
Non-return clapper valve
1/4 turn valve opening

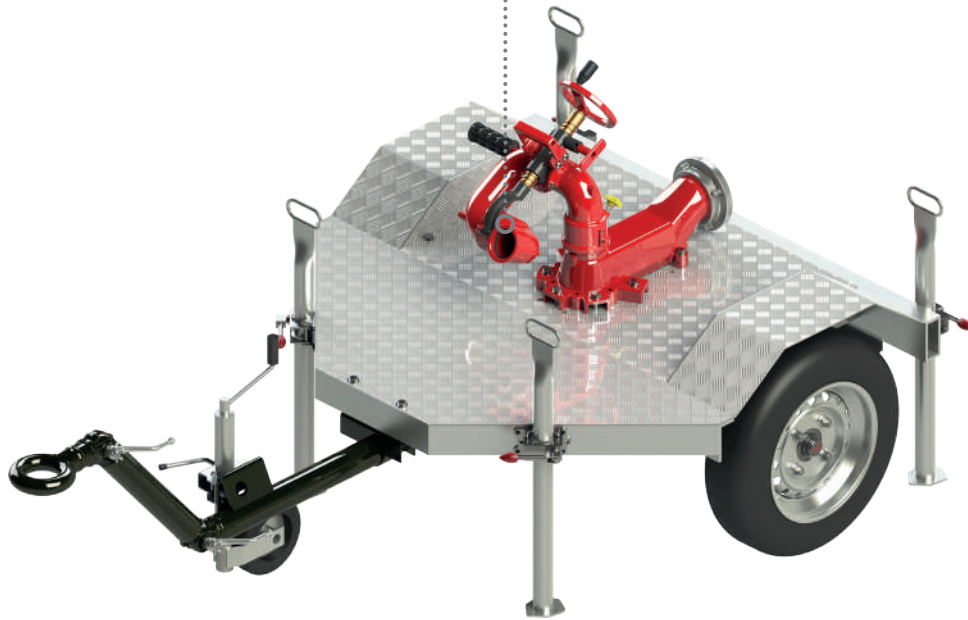


The "Delta Light" towable trailer is made entirely of aluminium alloy. All of this product is made in France, like all POK products, in our workshops, in the purest tradition of metalworking. It is equipped with an "Azimutor 3000" monitor, a shut-off valve, and a storage box.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 2.5" male BSP	2.5" female BSP	80	305 x 150 x 108	162	44160 *

*Trailer with manual AZIMUTOR monitor, without outlet equipment

Trailer type "Delta" with Azimutor



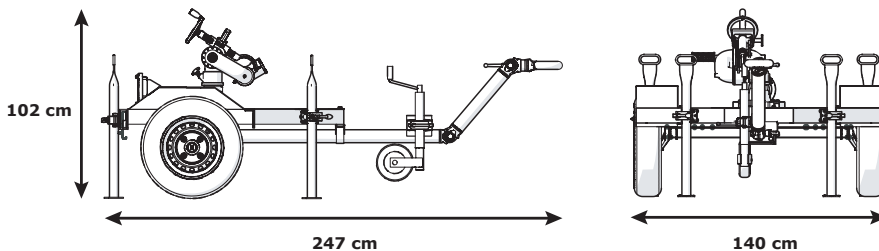
Monitors
manual ou motorised
recommended
Ø 80 mm

Recommended
outlet equipment
Ø 2.5"
Flow rate
3000 lpm

Material: aluminium alloy and stainless steel
Max. weight supported by the axle: 500 kg
Wheel dimensions: 145/70 R13
Jockey wheel type: With collar
Stands: 4x 200kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins

Options: monitor, outlet equipment, dimensions, and number of inlets

4 stabilizing legs
Adjustable drawbar
Jockey wheel

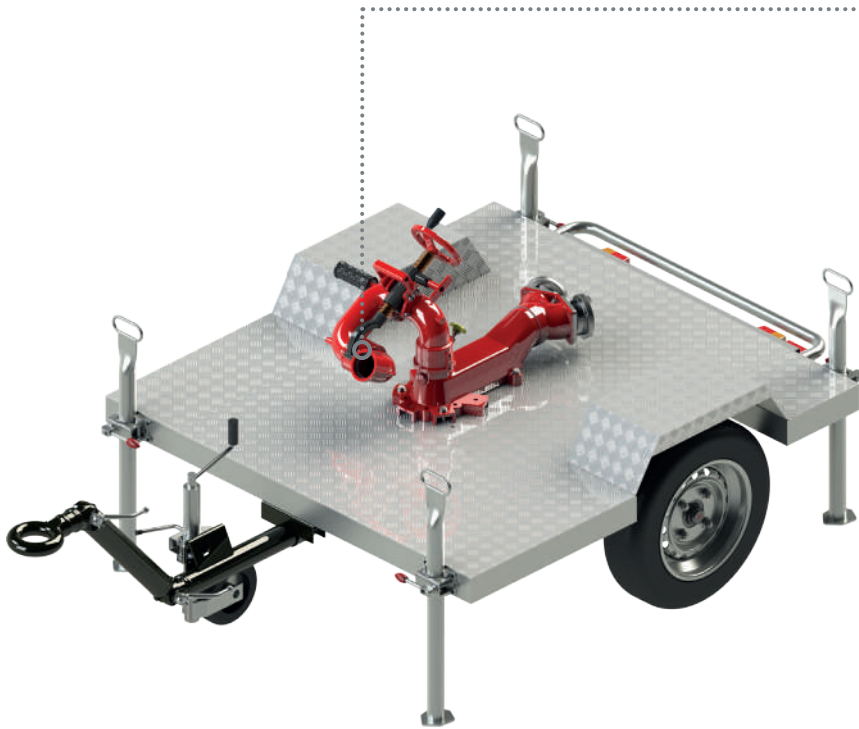


Aluminium alloy "Azimutor" monitor mounted on towable trailer aluminium alloy Delta type. This trailer is equipped with an adjustable pole, four stabilising legs, light bar and a jockey wheel. The monitor has a 4" male BSP threaded inlet, and can have a 2.5" outlet equipment.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4" male BSP	2.5" female BSP	80	247 x 140 x 102	133	44161*

*Trailer with manual AZIMUTOR monitor, without outlet equipment

Trailer type "Square 3000" with Azimutor

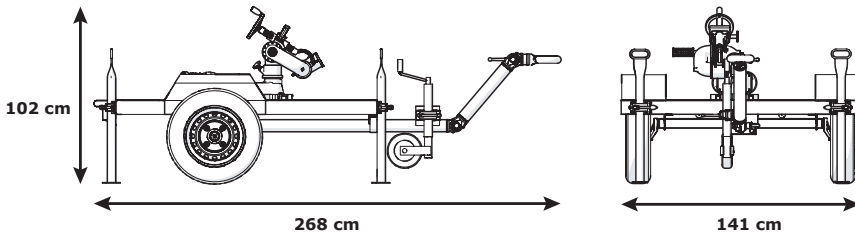
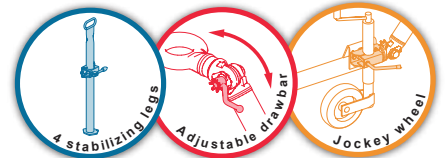


Monitors
manual ou motorised
recommended
Ø 80 mm

Recommended outlet equipment
Ø 2.5"
Flow rate
3000 lpm

Material: aluminium alloy and stainless steel
Max. weight supported by the axle: 500 kg
Wheel dimensions: 145/70 R13
Jockey wheel type: With collar
Stands: 4x 200kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins

Options: monitor, outlet equipment, dimensions and number of inlets

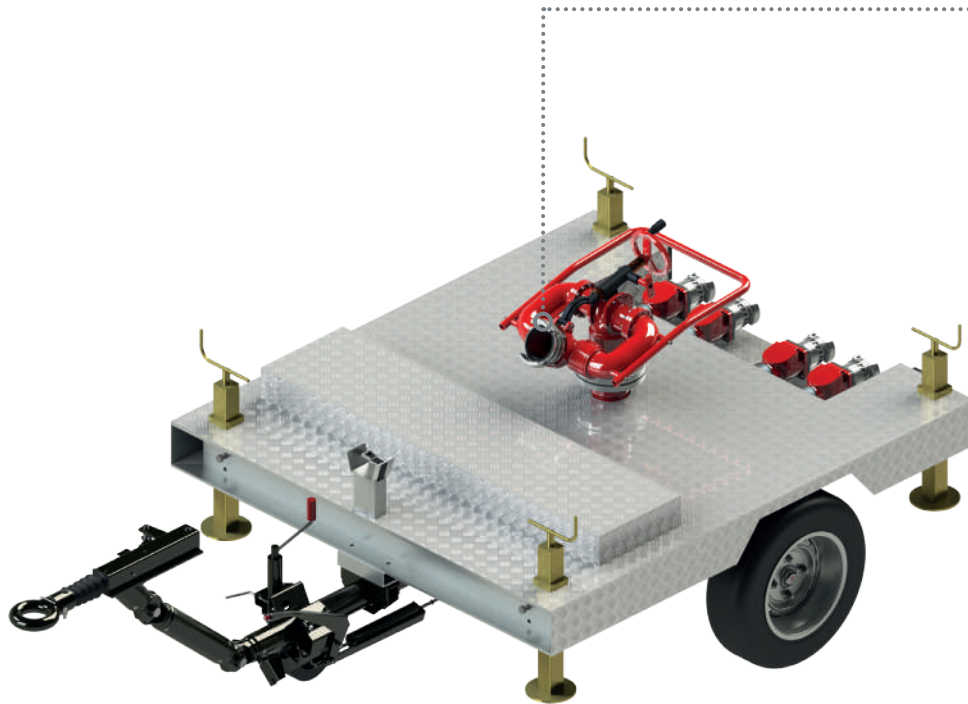


"Azimutor" aluminium alloy monitor mounted on aluminium alloy towable trailer "Square" type. This trailer is equipped with an adjustable pole, four stabilising legs, signal plate, and a jockey wheel. The monitor has a 4" male BSP threaded inlet, and can have a 2.5" equipment at the outlet. The platform of this towable trailer offers ground stability on uneven surfaces.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 2.5" male BSP	2.5" female BSP	80	268 x 141 x 102	165	44162 *

*Trailer with manual AZIMUTOR monitor, without outlet equipment

Trailer type "4000" with Minotor

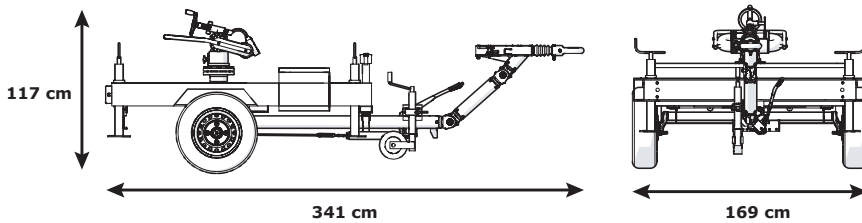
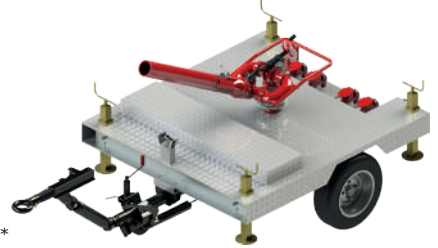
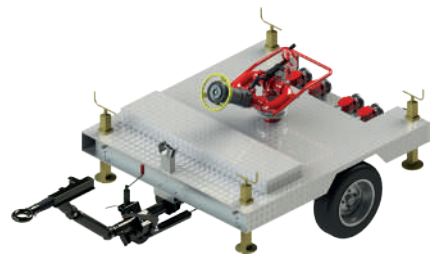
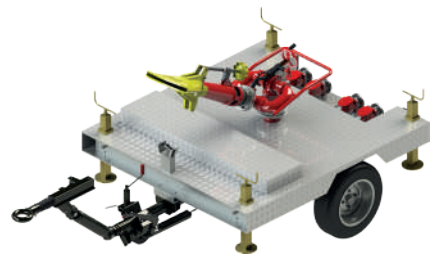
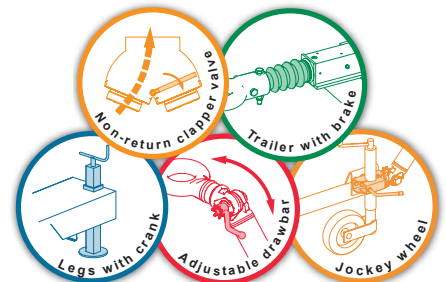


Monitors
manual ou motorised
recommended
Ø 100 mm

outlet equipment
Ø 4"
Flow rate
5000 lpm

Material: aluminium alloy and stainless steel
Max. weight supported by the axle: 750 kg
Wheel dimensions: 145/80 R13
Braked axle: yes
Parking brake: yes
Jockey wheel type: With collar
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins
Storage box: yes

Options: monitor, outlet equipment, dimensions and number of inlets

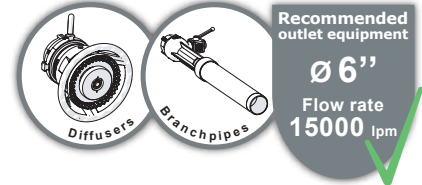
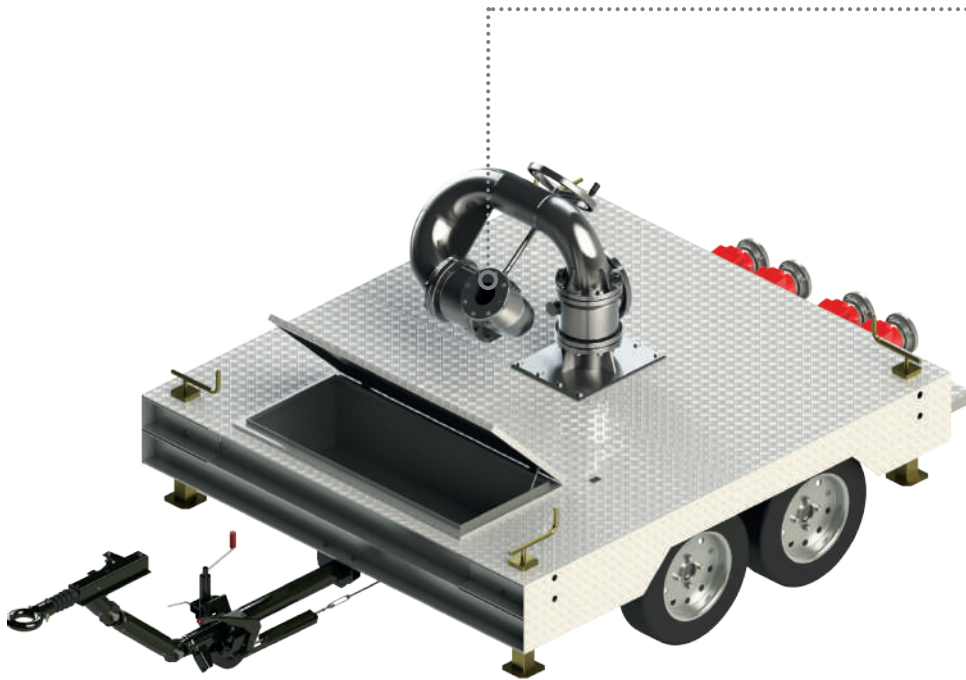


"Minotor 5000" aluminium alloy monitor mounted on towable aluminium alloy trailer. This trailer is equipped with an adjustable pole, four crank adjustable stabilising legs, signaling lights, a jockey wheel, and a storage box. The monitor is fed by four 2.5" BSP male threaded inlets with non-return clapper valve or two 4" BSP male threaded inlets and offers a maximum flow rate of 5000 lpm at 7 bar.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 2.5" male BSP	4" female BSP	100	341 x 169 x 117	350	44415 *

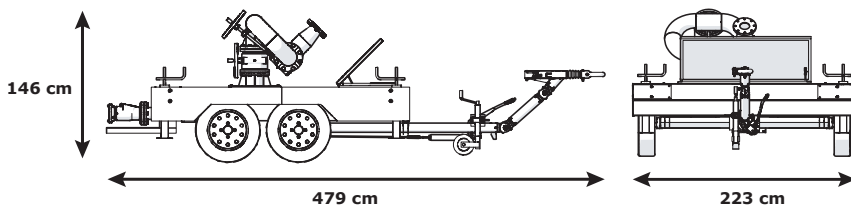
*Trailer with manual MINOTOR monitor, without outlet equipment

Trailer type "9000" with Gearator



Material: aluminium alloy and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/80 R14
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 1000kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes

Options: monitor, outlet equipment, dimensions and number of inlets



"Gearator 9000" stainless steel monitor mounted on aluminium alloy towable trailer with double braked axles. This trailer is equipped with an adjustable pole, four crank adjustable stabilising legs, signaling lights, a jockey wheel and a storage box. The monitor is supplied by four DN100 connections with non-return clapper valves and offers a maximum flow rate of 15000 lpm at 7 bar.

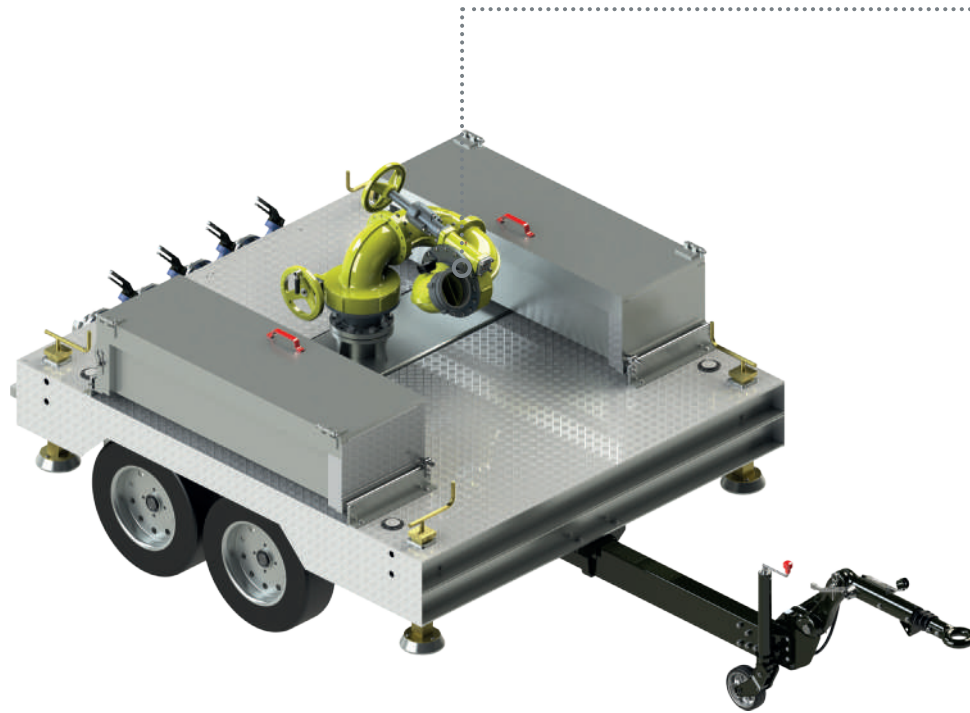
Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" female BSP	Flange 6" ASA150	150	479 x 223 x 146	1015	15278 *

*Trailer with manual GEARATOR monitor, without outlet equipment

Towable monitors



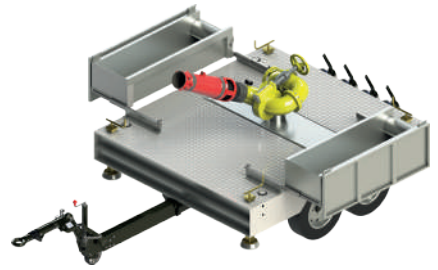
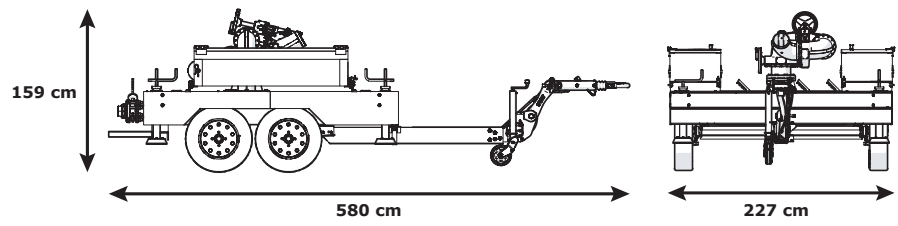
Trailer type "15000" with hose storage boxes and Dicodoplus monitor



Monitors manual ou motorised recommended \varnothing 150 mm

Recommended outlet equipment \varnothing 6" Flow rate 15000 lpm

Material: aluminium alloy and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/80 R14
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 1000kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Hose storage boxes: mounted on sliding rails, capacity 4 PIL hoses \varnothing 110, length 20 meters
Options: monitor, outlet equipment, dimensions and number of inlets

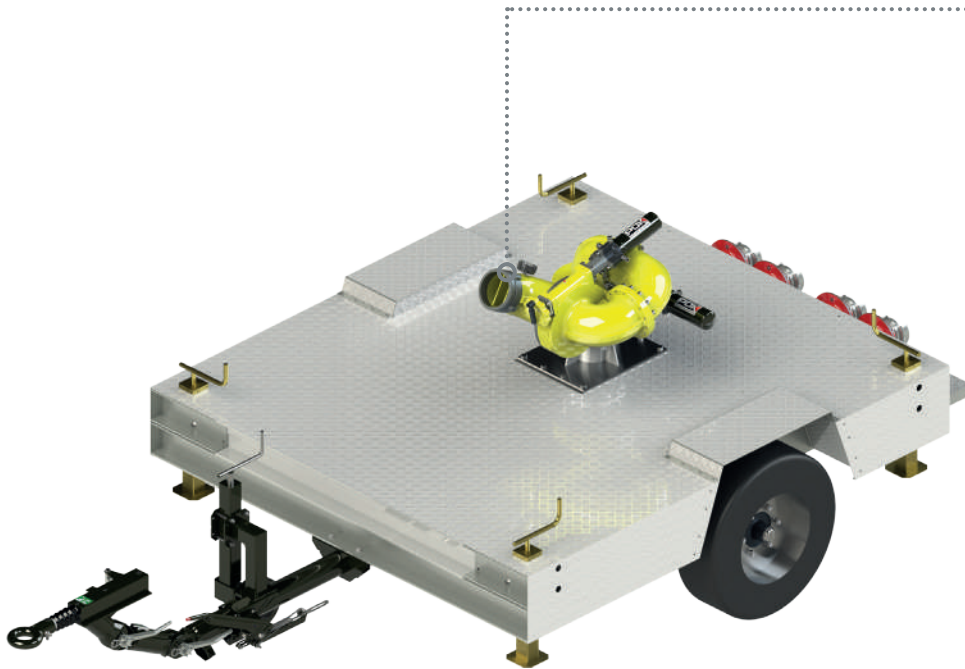


The "15000" towable trailer is the ideal product for industrial and petrochemical sites in particular. It is entirely made of aluminium alloy in our metalworking workshops, on our production site in France. It is equipped with two storage boxes that can hold two PIL \varnothing 110 hoses, each 20 metres long, and can optionally be fit with a monitor other than the Dicodoplus. Its double axle as well as its 4 stabilizing legs ensure perfect stability during operations.

Inlets	Outlet	Waterway \varnothing (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" female BSP	6" male NST-NH	150	580 x 227 x 159		44165 *

*Trailer with manual DICODOPLUS monitor, without outlet equipment

Trailer type "15000" with Dicodoplus monitor

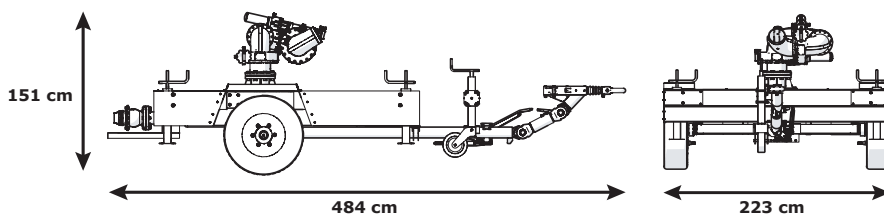


Monitors manual ou motorised recommended **Ø 150 mm**

Recommended outlet equipment **Ø 6"**
Flow rate **15000 lpm**

Material: aluminium alloy and stainless steel
Max. weight supported by the axle: 750kg
Wheel dimensions: 145/80 R13
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 1000kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins

Options: monitor, outlet equipment, dimensions and number of inlets



"DN150 Dicodoplus" motorised aluminium alloy monitor mounted on a single braked axle towable aluminium alloy trailer. This trailer is equipped with an adjustable pole, four crank adjustable stabilising legs, signaling lights, and a jockey wheel. The monitor is supplied via four DN100 connections with non-return clapper valve. It offers a flow rate ranging from 10000 to 15000 lpm.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" female BSP	6" male NST-NH	150	484 x 223 x 151	980	44416 *

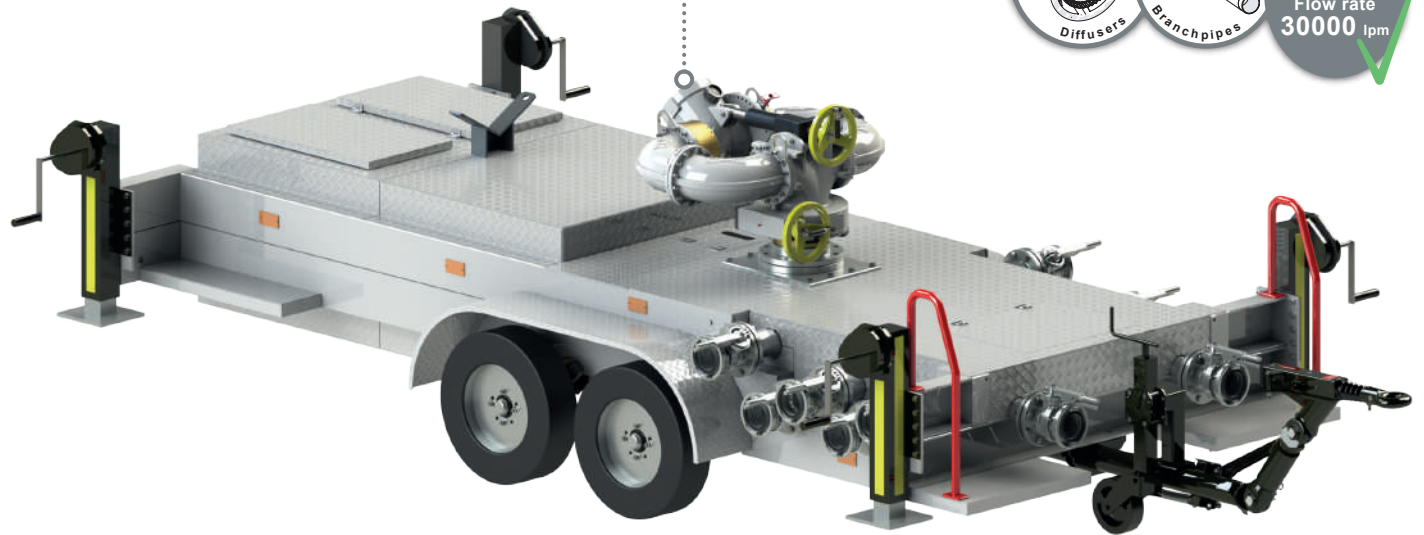
*Trailers with motorised DICODOPLUS Monitor, without outlet equipment

Trailer type "30000" with DN200 monitor

High flow rate
up to **30 000**
lpm

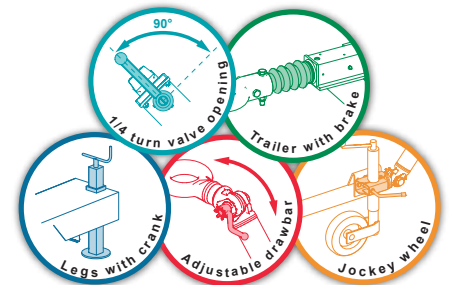
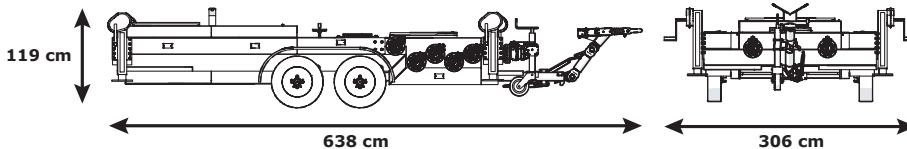
Monitors manual ou motorised recommended \varnothing 200 mm

Recommended outlet equipment \varnothing 8" Flow rate 30000 lpm



Material: aluminium alloy and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/70 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 10t
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Ballast: 1300 liters
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets



Aluminium alloy monitor "DN200" mounted on a towable double braked axle trailer made entirely of aluminium alloy. This trailer is equipped with adjustable poles, four adjustable stabilising legs with crank handle, signaling lights, a jockey wheel and two storage boxes. The monitor is supplied by twelve DN100 inlets with valves. It offers the possibility of a maximum flow rate of 30000 lpm.

Inlets	Outlet	Waterway \varnothing (mm)	Dimensions (cm)	Weight (kg)	Ref.
12x 4" male BSP	8" female BSP	200	638 x 306 x 119	1796	34901 *

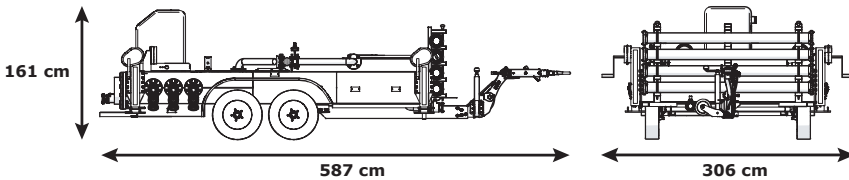
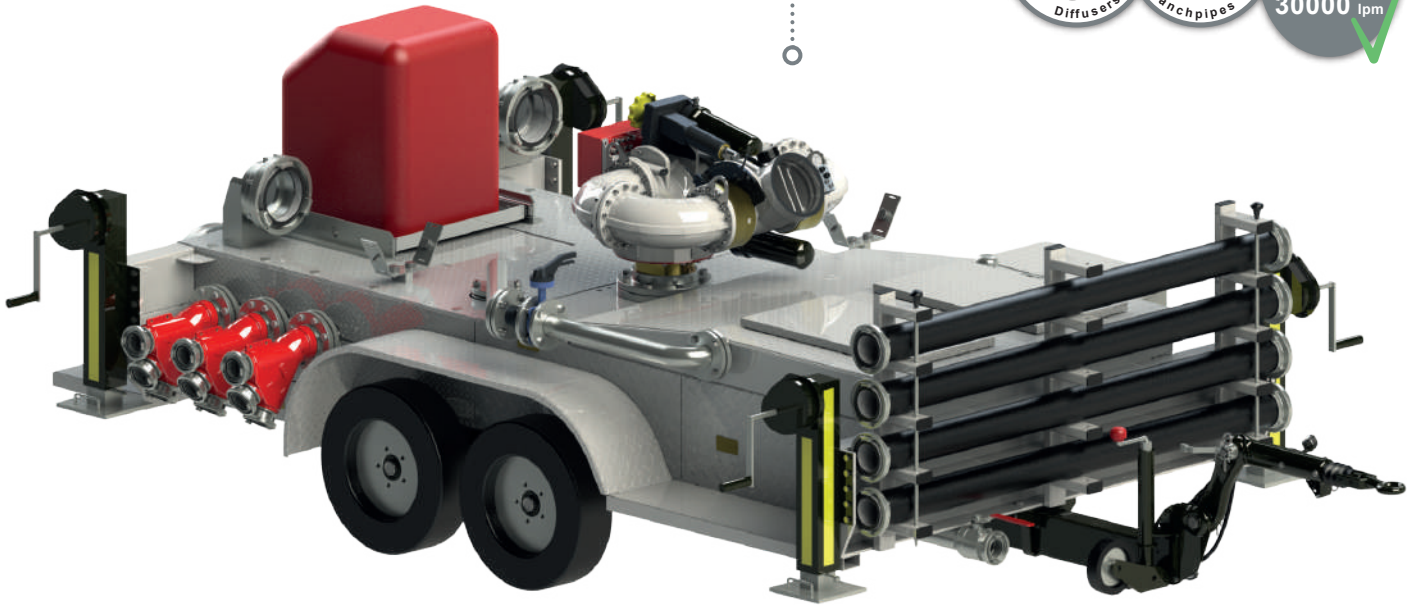
*Trailer with manual DN200 monitor, without outlet equipment

Trailer type "30000" with DN200 monitor and diesel injection foam pump

High flow rate
Up to **30 000 Lpm**
injection **600 Lpm**

Monitors manual ou motorised recommended **Ø 200 mm**

Recommended outlet equipment **Ø 8"**
Flow rate **30000 lpm**



Material: aluminium alloy and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/70 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 10t
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Ballast: 1000 liters
Flush: yes

Injection: by diesel pump, 600 lpm

Options: monitor, outlet equipment, dimensions and number of inlets



The towable trailer "30000" is entirely made of aluminium alloy in our French metalworking workshops. It is equipped with a powerful 30000 lpm monitor, coupled with a 600 lpm diesel pump for foam injection, which gives it greater flexibility of use. It can be equipped with a monitor other than the motorised DN200. Its double axle as well as its 4 stabilizing legs give it perfect stability.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
18 x Storz B/75 2 x Female ISO M 300 x 400	8" female BSP	200	587 x 306 x 161	1950	44164 *

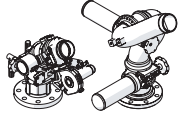
*Trailer with manual DN200 monitor, without outlet equipment

Towable foam units




Trailer type "2x150L tank" with Azimutor monitor






Monitors
manual ou motorised
recommended
Ø 80 mm



Diffusers

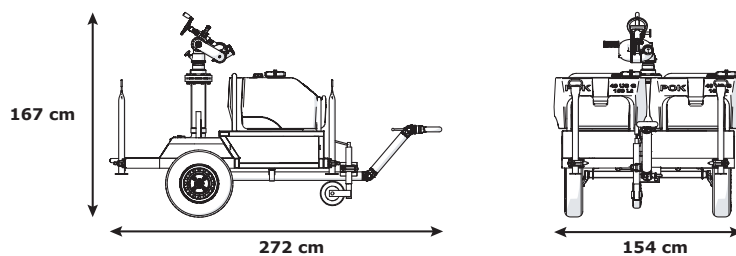


Branchpipes

Recommended outlet equipment

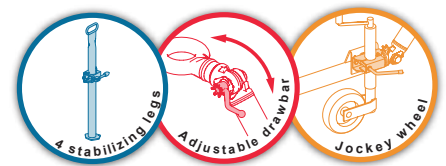
Ø 2.5"

Flow rate 3000 lpm



Material: aluminium alloy and stainless steel
Tanks material: polyester
Max. weight supported by the axle: 500 kg
Tank capacity: 2x 150 L
Wheel dimensions: 145/70 R13
Jockey wheel type: retractable
Stands: 4x 200kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins

Options: monitor, outlet equipment, dimensions and number of inlets



"Azimutor" aluminium alloy monitor mounted on a single axle towable trailer made entirely of aluminium alloy. This trailer is equipped with an adjustable pole, four adjustable stabilizing feet, a signaling lights, a jockey wheel and two 150-litre polyethylene tanks. The trailer has a 4" BSP male threaded inlet, and the monitor can receive a 2.5" equipment as outlet.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4" male BSP	2.5" female BSP	80	272 x 154 x 167	240	44163 *

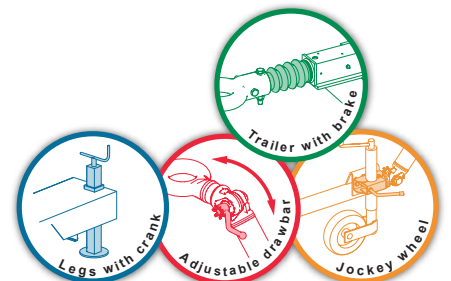
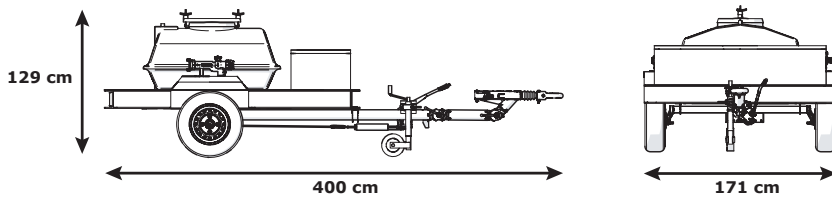
*Trailer with manual AZIMUTOR monitor, without outlet equipment

Trailer type "500L Tank"



Material: aluminium alloy and stainless steel
Tank material: polyester
Max. weight supported by the axle: 900 kg
Tank capacity: 500 liters
Wheel dimensions: 165/80 R13
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets



Aluminium alloy trailer with single braked axle equipped with adjustable pole, signaling lights, jockey wheel, 500 liter polyester reserve with manhole and dipstick. This towable unit is also equipped with two "Mixy eductors" and a storage box.

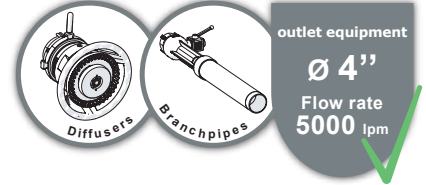


Dimensions (cm)	Weight (kg)	Ref.
400 x 171 x 129	264	28107

Foam towable unit

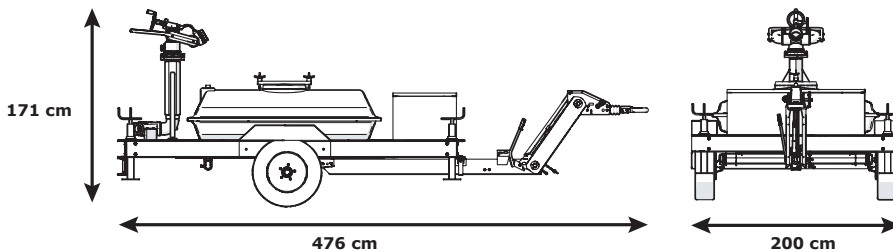


Trailer type "1000L tank" with Minotor monitor



Material: aluminium alloy and stainless steel
Tank material: polyester
Max. weight supported by the axle: 1600 kg
Tank capacity: 1000 liters
Wheel dimensions: 185/70 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets



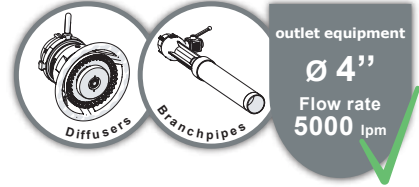
Minotor 5000 aluminium alloy monitor mounted on a towable single braked axle aluminium alloy trailer. This trailer is equipped with an adjustable pole, four stabilizing legs adjustable by crank, signaling lights, a jockey wheel, a storage box, and a 1000-litre polyester reserve with manhole and dipstick. The monitor is fed by a siamese connection with 4 2,5" BSP male threaded inlets with non-return clapper valves. It can receive a 4" outlet equipment.



Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 2.5" male BSP	4" female BSP	100	476 x 200 x 171	640	44417 *

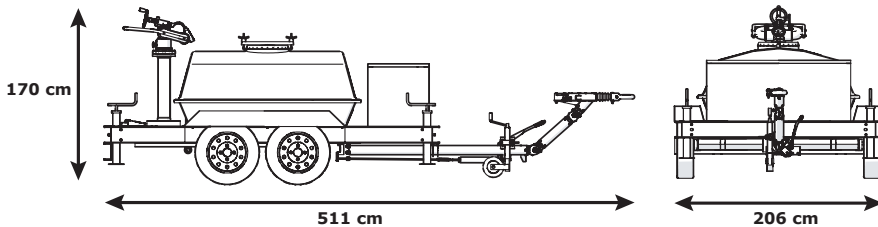
*Trailer with manual MINOTOR monitor, without outlet equipment

Trailer type "1500 L Tank" with Minotor monitor



Material: aluminium alloy and stainless steel
Tank material: polyester
Max. weight on axle tree: 2700kg
Tank capacity: 1500 liters
Wheel dimensions: 165/80 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets



"Minotor 5000" aluminium alloy monitor mounted on towable double braked axle aluminium alloy trailer. This trailer is equipped with an adjustable pole, four stabilizing legs adjustable by crank, signaling lights, a jockey wheel, a storage box and a 1500-litre polyester reserve with manhole and dipstick. The monitor is fed by four 2.5" BSP male threaded inlets with non-return clapper valves or two 4" BSP male threaded inlets with non-return clapper valves. It can receive a 4" outlet equipment.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 4" male BSP	4" female BSP	100	511 x 206 x 170		44418 *

*Trailer with manual MINOTOR monitor, without outlet equipment

Foam towable unit



Trailer type "2000L Tank" with LMP80 monitor

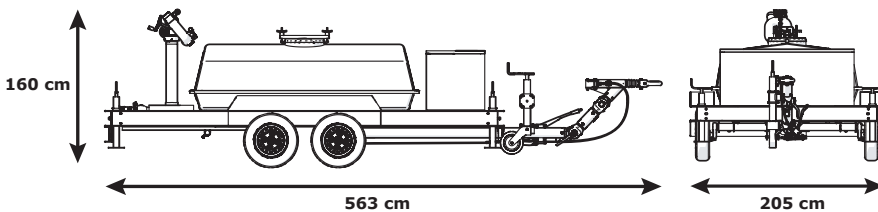
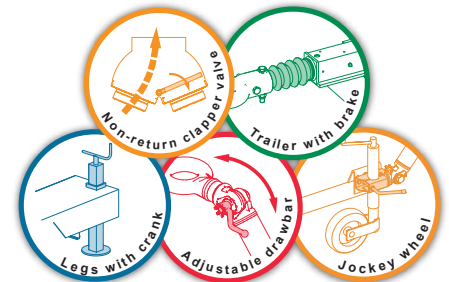


Monitors
manual ou motorised
recommended
Ø 80 mm

Recommended outlet equipment
Ø 3"
Flow rate
5000 lpm

Material: aluminium alloy and stainless steel
Tank material: polyester
Max. weight on axle tree: 2700kg
Tank capacity: 2000 liters
Wheel dimensions: 165/80 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable with collar
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets



Aluminium alloy "LMP80" monitor mounted on a towable double braked axle trailer made entirely of aluminium alloy. This trailer is equipped with an adjustable pole, four stabilizing legs adjustable by crank, signaling lights, a jockey wheel, a storage box and a 2000-litre polyester reserve with manhole and dipstick. The monitor is fed by two 4" BSP female threaded inlets with non-return clapper valves, and it can receive 2.5" equipment at the outlet.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 4" female BSP	2.5" male BSP	80	563 x 205 x 160	850	44419 *

*Trailer with manual LMP80 monitor, without outlet equipment