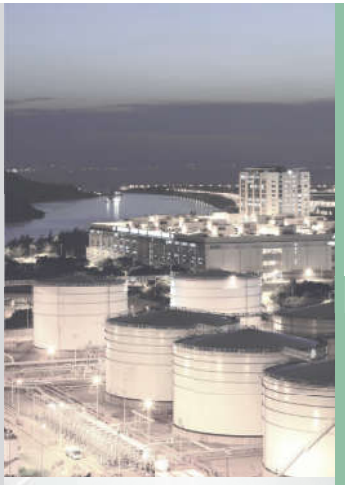




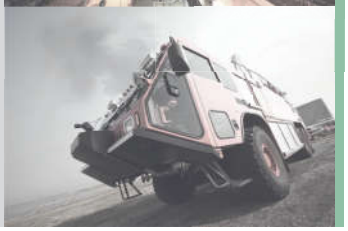


Monitors

Our nozzles, monitors, foam equipments, dividers can be equipped with all types of couplings existing all over the world and manufactured by POK using the the best materials.

	Mamba	Froggy, DN40 portable monitor	Snake, DN50 fixed monitor	Poket, DN65 portable monitor - with shutoff	Poket, DN65 portable monitor - w/o shutoff	Froggy tactical, DN65 portable 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 branhcpipe	Montmirail, DN80 portable monitor - automatic sweeping	Montmirail light, DN80 portable monitor	Rück wind, DN80 portable monitor - with handwheels	LMP80, DN80 portable monitor
Flow rate (lpm)	**750**	**750**	**1000**	**1600**	**1600**	**2000**	**3000**	**3000**	**3000**	**3000**	**3000 5000**	**4000**	**4000**	**4000**	**5000**
Outlet Ø	**1.5"**	**1.5''**	**1.5''**	**2.5''**	**2.5''**	**2.5''**	**2.5''**	**2.5''**	**2.5''**	**2.5''**	**2.5'' 3''**	**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
Working pressure (PSI)															
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)	40	40	50	65	65	65	80	80	80	80	65 - 80	80	80	80	80
Horizontal movement		from -26° to +26°	on 360°	on 360°	on 360°	from -26° to +26°	from -25° to +25°	from -90° to +90°	on 360°	on 360°		from -22,5° to +22,5°	from -25° to +25°	on 360°	from -153° to +101°
Vertical movement	from +30° to +70°	from +24° to +76°	from -75° to +75°	from +30° to +80°	from +30° to +80°	from +24° to +76°	from +30° to +85°	from +30° to +85°	from +30° to +80°	from -70° to +85°	from +15° to +80°	from +35° to +85°	from +35° to +85°	from +25° to +85°	from 0° to +85°
Material	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu
Hard anodisation															
Polyester coating	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Open/close valve		•		•		•	•					•	•		
Flush							•					•			•
Portable	•	•		•	•	•	•	•	•	(•)	•	•	•	•	•
Fixed			•		(•)				(•)	•					(•)
Handwheel							•	•	•		•			•	•
Handle			•	•	•			•	•	•		•	•		•
Chains															
Pressure gauge	•			•	•		•					•	•	•	•
OPTIONS	O - C	O - C ST	O - C	O - C ST	O - C ST - S	O - C ST	O - C ST	O - C	O - C	O - C	O - C	O - C ST	O - C ST	O - C ST	O - C ST - S
Page	92	93	94	96	97-98	95	103	104-105	106-107	108-109	118	100	101	102	110-111

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

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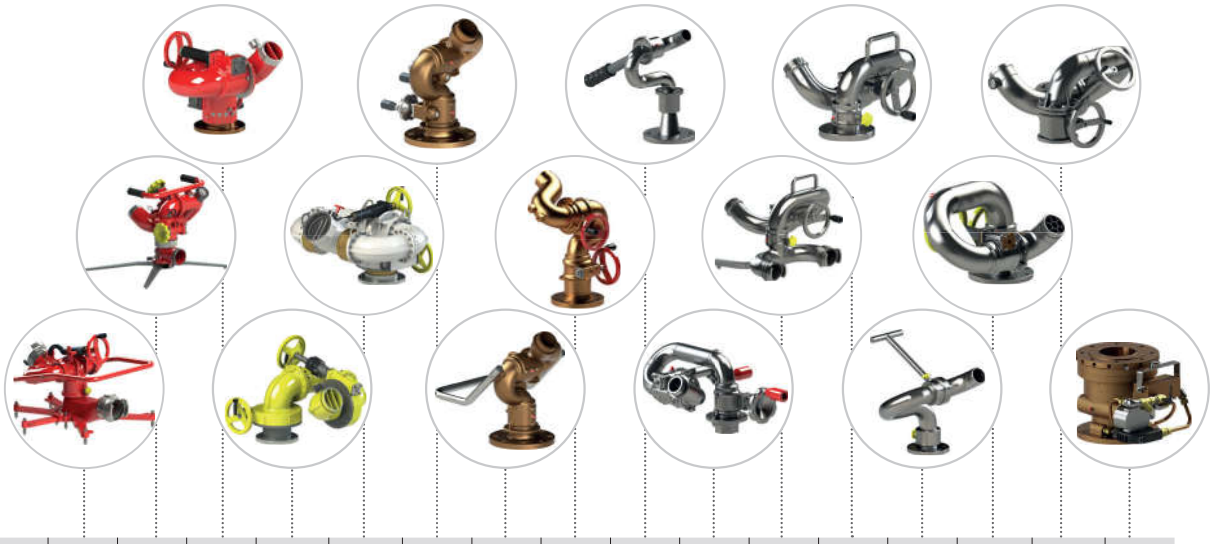
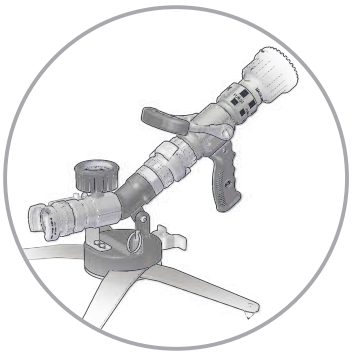


	Minotor 5000, DN100 portable monitor	DN100 portable monitor	4'' fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed monitor	DN65 fixed monitor, with handwheels, bronze	DN65 fixed monitor, w/o handwheel, bronze	DN80 fixed monitor, with handwheels, bronze	Snake, DN40 fixed monitor, w/o handwheel	Snake, DN40 fixed monitor, with handwheels	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**	**5000**	**1000**	**1000**	**3000**	**3000**	**3000**	**7500**	**15000**	
Outlet diameter	**4''**	**3.5''**	**3.5''**	**6''**	**8''**	**2.5''**	**2.5''**	**3''**	**1.5''**	**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 Ø (mm)	100	100	100	150	200	65	65	80	40	40	65	65	80	100	150	
Horizontal movement	on 360°	on 360°	on 360°	on 330°	on 340°	on 360°	on 360°	on 360°	on 360°	on 360°	on 360°	on 360°	on 360°	from -170° to + 170°	on 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 +65°	from -90° to +90°	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	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Hard anodisation																
Polyester coating	•	•	•	•	•											
Open/close valve																
Flush		•														
Portable	•	•									•					
Fixed	(•)	(•)	•	•	•	•	•	•	•	•		•	•	•	•	
Handwheel	•	•	•	•	•	•		•		•	•	•		•	•	
Handle	•						•	(•)	•		•	•	•			
Chains								(•)								
Pressure gauge		•	•	•	•										•	
OPTIONS	O - C	O - C ST	O - C	O - C	O - C	O - C	O - C	O - C	O - C	O - C	O - C	O - C	O - C	O - C	O - C	
Page	114	112-113	114	116	117	119	120	121	122	123	124	125	126	127	128	129-130

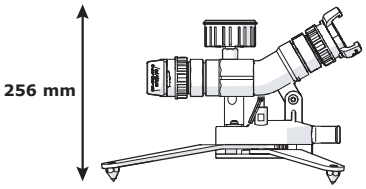
Options: **O -** Outlet equipment, **C -** Couplings, **ST -** Storage bracket, **S -** Sweeping device
(•): Depending on reference

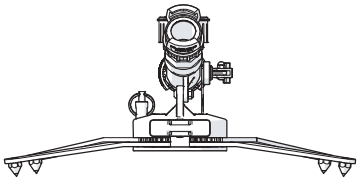
Mamba



Installation with hand nozzle "Magikador 500"

Locking cam of vertical position

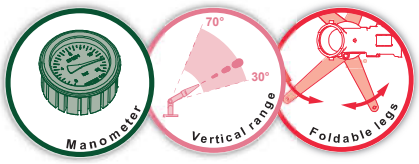




Maximum working pressure: PN16
Material: aluminium alloy
Vertical movement: from +30° to +70°
Safety: locking of the legs, anchoring strap.
Foldable legs: YES

Options: hand nozzles, couplings.

The "Mamba" is a base used to receive a selectable flow rate nozzle from 150 to 750 lpm to operate as a monitor. The base has stabilising and foldable legs and a anchorage ring to fix a strap.
The orientation of the nozzle is adjustable and lockable in elevation position from +30° to +70°.
The base is equipped with a manometer to control the pressure.



Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
1.5" BSP female	1.5" BSP female	40	407 x 201 x 238	3,84	**37293**
DSP DN40	DSP DN40	40	467 x 201 x 256	4,11	**32582**

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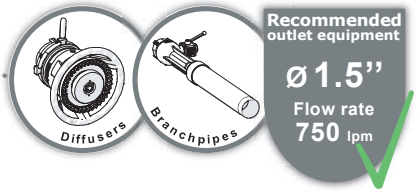
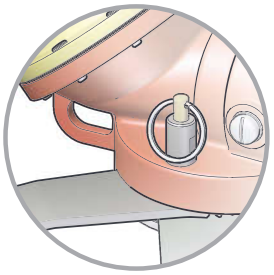
Froggy - portable monitor

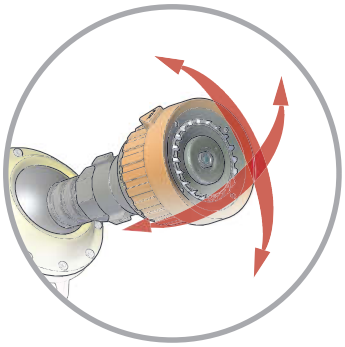


Maximum working pressure: PN16
Material: aluminium alloy
Shutoff: ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by valve
Vertical movement: from24° to +76°
Vertical adjustment: by valve
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: YES
Foldable legs: YES

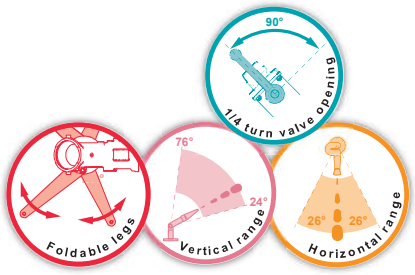
Options: outlet equipment, couplings, storage bracket

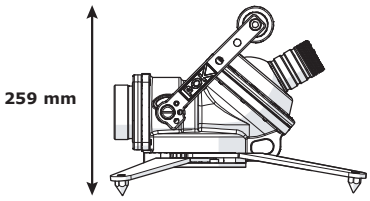


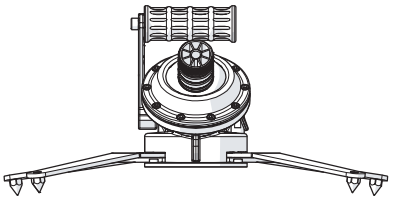
Locking knob of fold away legs and anchorage ring to fix a strap.



Head assembled on multi directional sphere easy to manipulate







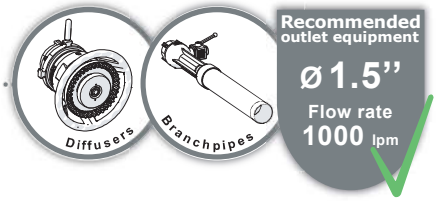
Our "Froggy" monitor nozzle is the smallest monitor available on the market with a flow rate of 750 lpm at 7 bar at the monitor's outlet.
It offers simplicity, compactness and robustness.
The carrying handle is also used as shutoff valve. The Froggy can be adjusted in vertical position from +24º to 76º and in horizontal position from -26º to 26º.
It is equipped with four fold away legs and a anchorage ring to fix a strap.
It can be equipped with different outlet equipment or coupling.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2.5'' BSP male	1.5'' BSP male	40	476 x 195 x 259	6,04	**18065**

Storage bracket for portable monitor

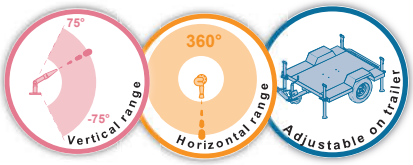
Description	Dimensions (mm)	Weight (kg)	Ref
Storage bracket	490 x 250 x 50	3,24	**20803**

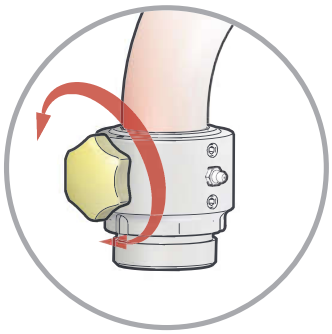
Snake - DN50 fixed monitor in aluminium alloy



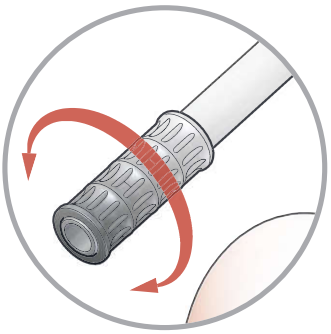
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -75° to +75°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by handle, horizontal adjustment lockable by knob

Options: outlet equipment, couplings or flanges

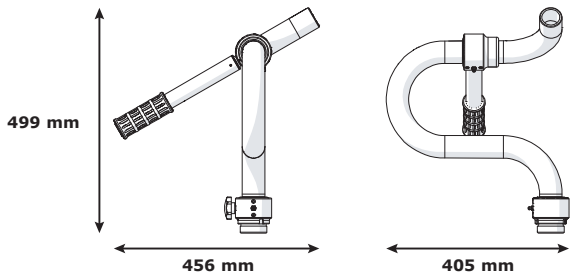




Horizontal adjustment lockable by knob



Vertical adjustment lockable by handle



The monitor "Snake" DN50 has a simple and robust design.
Made of primary aluminium alloy with red polyester coating.
Its control handle allows a horizontal movement of 360°, elevation movement from -75° to +75° and elevation locking.
A locking knob for horizontal movement ensures the safety of the user.
It can be equipped with different outlet equipment, flanges or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
2'' BSP male	1.5'' NST-NH male	50	456 x 405 x 499	3,80	**10956**
Flange DN50 PN16	1.5'' NST-NH male	50	456 x 405 x 522	4,80	**10956.PN16**

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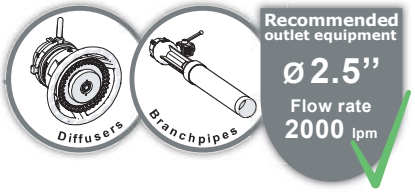
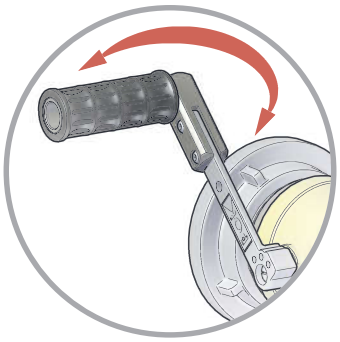
Froggy tactical - portable monitor

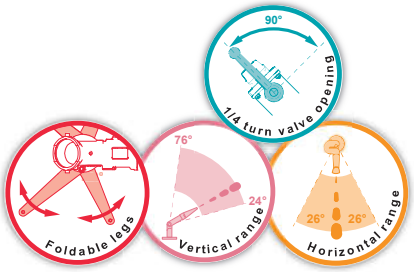


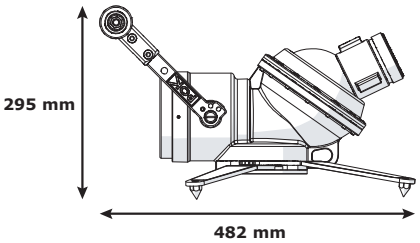
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by ball
Vertical movement: from +24° to +76°
Vertical adjustment: by ball
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: YES
Foldable legs: YES

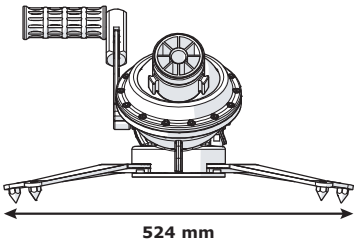
Options: outlet equipment, couplings, storage bracket



Foldable shutoff handle







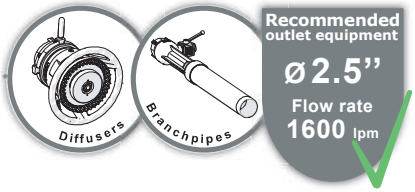
Our "Froggy tactical" monitor nozzle is a compact monitor with a flow rate up to 2,000 lpm at 7 bar at the monitor's outlet.
It offers simplicity, compactness and robustness.
Its handle can be used as carrying handle or shutoff handle.
Its minimum position from horizontal is +24° and 76° maximum, horizontal range between -26° to +26°.
It is equipped with four fold away legs and a anchorage ring to fix a strap.
It can be equipped with different outlet equipment or coupling.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
4'' BSP female	2.5'' BSP male	65	483 x 255 x 525	11	**29601**

Storage bracket for portable monitor

Description	Dimensions (mm)	Weight (kg)	Ref
Storage bracket	490 x 250 x 50	3,24	**20803**

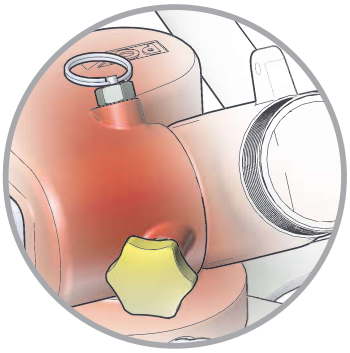
Poket - DN65 portable monitor, with shutoff



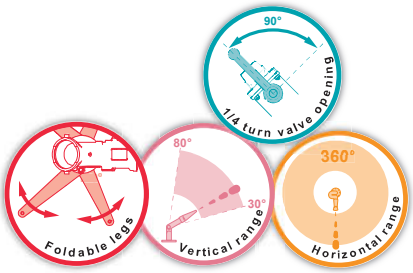
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: ball valve
Opening: by lever
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment lockable at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

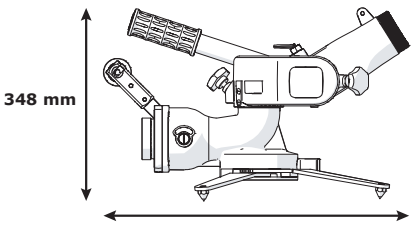
Options: outlet equipment, couplings, storage brackets

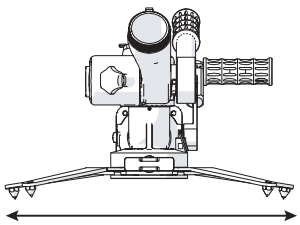
Ball valve shutoff, with fold away carrying handle



Safety pin and vertical position locking knob







Our portable monitor "Poket Monitor" is made of aluminium alloy, hard anodised, with red polyester coating. The ball valve shutoff allows the user to open or close the monitor during operation.
The flow rate is 1,600 lpm at a working pressure of 7 bar at the monitor's outlet.
The 360° horizontal movement and the vertical movement of 80° can be done by control handle, and the locking by a handle.
An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
Our "Poket Monitor" nozzle is equipped with four fold away legs with locking device, one mooring and carrying ring allowing transport and to fix a strap.
The monitor is equipped with a manometer to control pressure.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2.5'' BSP male	2.5'' BSP male	65	558 x 190 x 284	10,94	**31485**

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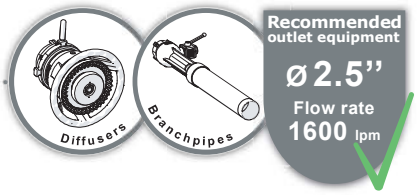
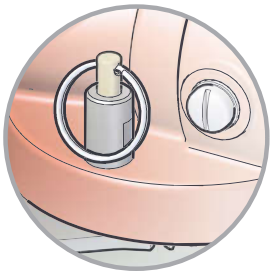
Poket - DN65 portable monitor, without shutoff

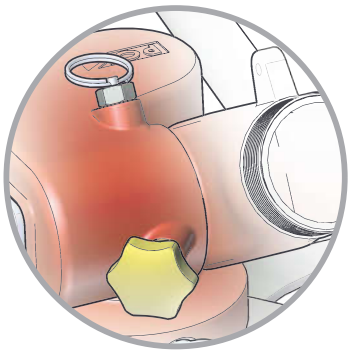


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment lockable at 30° by pin, vertical and horizontal adjustment locking knobs, locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

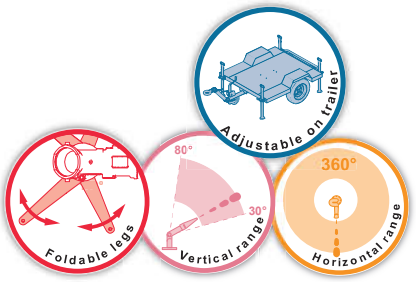
Options: outlet equipment, couplings, storage bracket, oscillator, flange, ladder attachment

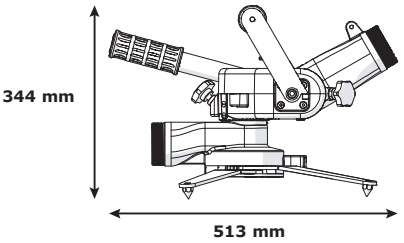


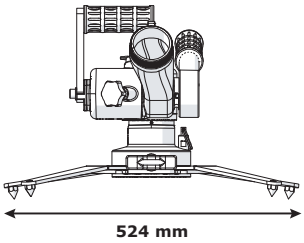
Locking knob of fold away legs



Safety pin and vertical position locking knob



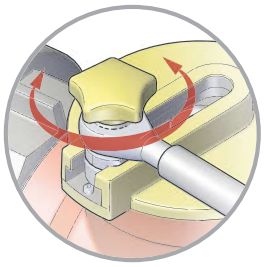




Our portable monitor "Poket Monitor" is made of aluminium alloy, hard anodised, with red polyester coating.
The flow rate goes up to 1,600 lpm at a working pressure of 7 bar at the monitor's outlet.
The 360° horizontal movement and the vertical movement of 80° can be done by control handle, and the locking by a handle.
An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
Our "Poket Monitor" nozzle is equipped with four fold away legs with locking device, one mooring and carrying ring allowing transport, to fix a strap.
The monitor is equipped with a manometer to control pressure.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2.5" BSP male	2.5" BSP male	65	558 x 237 x 280	8,71	**12697**

Poket portable monitor with oscillator



Easy adjustment of the sweeping range

The Poket Monitor can be equipped with a hydraulic oscillator (POK manufacturing), and turns it into an automatic sweeping monitor. The horizontal movement is adjustable from 0 to 60°. The setting of the sweeping angle can be performed while the monitor is running.
Weight of the set (oscillator + monitor + diffuser) does not exceed 15 Kg.

Description	Weight (kg)	Ref
Automatic oscillator	3,65	**14025**

Poket on flange

The Poket monitor is adapted to be mounted on a standard flange. This way it can be easily assembled on a fixed installation or a vehicle.

Description	Weight (kg)	Ref
Monitor POKET on flange DN65 PN16	7,01	**18818**

Poket - upper section with quick coupling

The Poket monitor is adapted to receive a quick coupling. The upper section can be easily assembled on a base with a quick coupling or flange on a fixed installation.

Description	Weight (kg)	Ref
Upper section only with quick coupling	6,55	**34435**

Poket - mount only (lower section) with quick coupling

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

Description	Weight (kg)	Ref
Lower section only	4,06	**34434**

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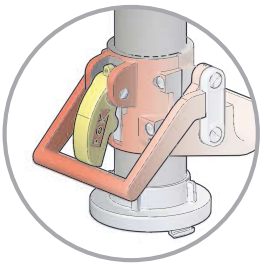
Quick coupling DN65 on flange

Description	Weight (kg)	Ref
Quick coupling on flange DN65 PN16	2,24	**34439**

Poket on ladder attachment



Fast and easy locking system

The "Poket" monitor has been particularly studied for fitting on a flange (stationary installation) or on a tube support for ladder or platform. The spacing of the hooks is adjustable, which allows mounting on all standard ladders.
Weight of the set (tube + monitor + diffuser) does not exceed 13 kg.

Description	Weight (kg)	Ref
Monitor POKET on mounting for ladder, Inlet 2.5" BSP male	9,95	**12900**

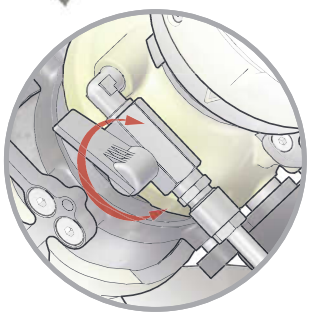
Storage bracket for portable monitor

Description	Dimensions (mm)	Weight (kg)	Ref
Storage bracket	490 x 250 x 50	3,24	**20803**

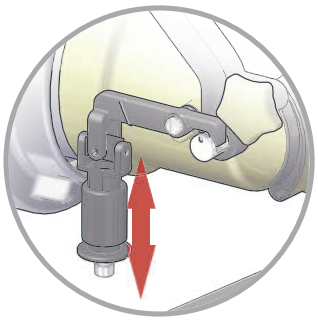
Montmirail, DN80 portable monitor with automatic sweeping

New Design
AUTOMATIC Oscillation
PROTECTION anti-slipping
anti-lift off

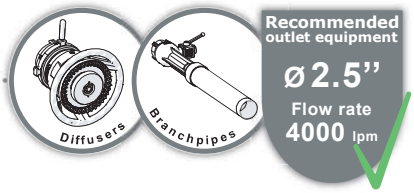
Patented system
nº 13 60071,
dated February 12, 2016,
ref. FR 3 011 905



Start/stop shutoff, and setting of sweeping speed

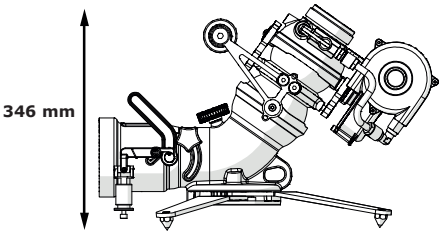


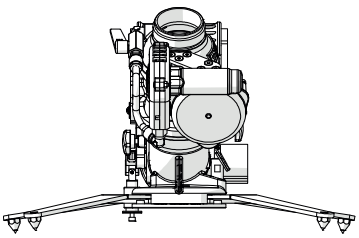
Safety device, and open/close valve with locking knob



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: moulded
Shutoff: ball valve
Opening: by lever
Horizontal movement: from -22,5 to +22,5°
Horizontal adjustment: automatic sweeping or valve
Vertical movement: from +35° to +85°
Vertical adjustment: by handle
Safety: anti-sliding, anti-knocking, anti-lifting, locking of the legs, anchoring strap, shutoff.
Carrying handle: YES
Foldable legs: YES

Options: couplings, outlet equipment, siamese.





The portable Montmirail with automatic oscillation has a major feature that makes it the lightest equipment of its kind on the market: it weighs less than 14 kg with diffuser and collecting device.
This monitor offers the features of the latest generation: PN16, automatic oscillating with the maximum sweeping angle of 35°, elevation between +35° to +85°, anti-lifting safety feature that immediately reduces the flow rate of the nozzle to keep the operator safe.
It comes with an open/closed valve and stabilising legs.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
2.5" BSP male	2.5'' NST-NH male	80	669 x 212 x 346	8,41	**33643**
2x 2.5" BSP male	2.5'' NST-NH male	80	669 x 212 x 346	9,76	**37302**
4" BSP male	2.5'' NST-NH male	80	669 x 212 x 346	8,18	**37305**
4" BSP male swivel	2.5'' NST-NH male	80	669 x 212 x 346	8,77	**37251**

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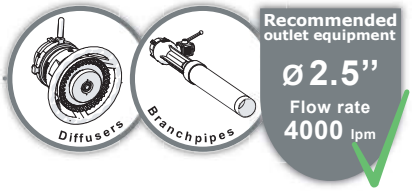
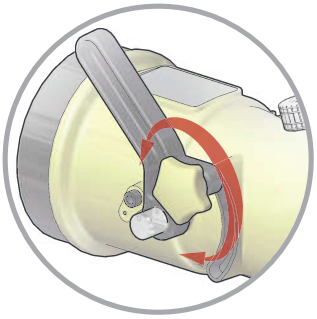
Montmirail ''Light'', DN80 portable monitor

Patented system
nº 13 60071,
dated February 12, 2016,
ref. FR 3 011 905

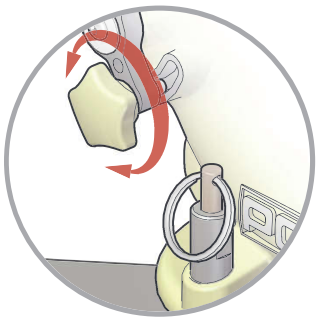


Maximum working pressure: PN16
Material: aluminium alloy
Body type: moulded
Shutoff: ball valve
Opening: by lever
Vertical movement: from +35° to +85°
Vertical adjustment: by handle
Horizontal movement: from -25° to +25°
Horizontal adjustment: by handle
Safety: locking of the legs, anchoring strap, shutoff, horizontal and vertical locking device
Carrying handle: YES
Foldable legs: YES

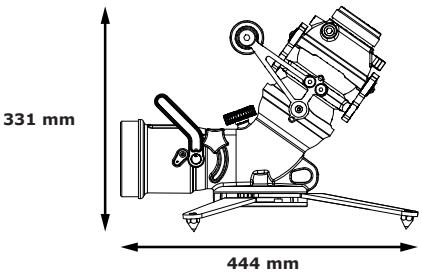
Options: couplings, outlet equipment, siamese.

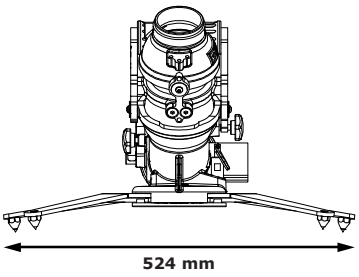


Open/close valve with locking knob



Locking knob for vertical position, and locking pin for fold away legs



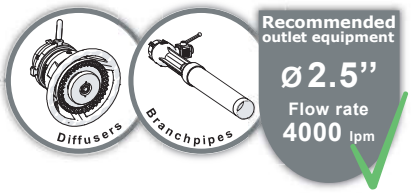


The "Montmirail Light" weighs less than 12 Kg with diffuser and collecting device, and is the lightest equipment of its kind on the market.
This monitor offers all the features of the lastest generation: PN16, vertical positioning between +35° to +85°.
It comes with an open/closed valve and stabilising legs.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
4" BSP male	2.5" NST-NH male	80	485 x 194 x 336	6,39	**34646**

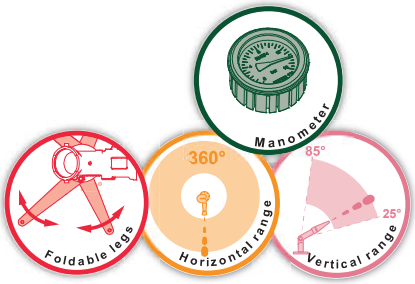
Rück wind, DN80 portable monitor with handwheels

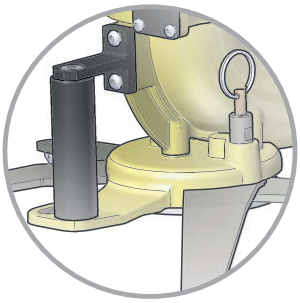
Patented system
nº 13 60071,
dated February 12, 2016,
ref. FR 3 011 905



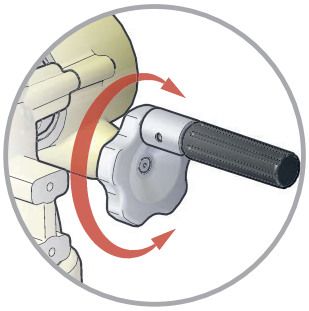
Maximum working pressure: PN16
Material: aluminium alloy
Vertical movement: from +25° to +85°
Vertical adjustment: by handwheel
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Safety: locking of the legs, anchoring strap, horizontal and vertical locking device
Carrying handle: YES
Foldable legs: YES

Options: coupling, outlet equipment.

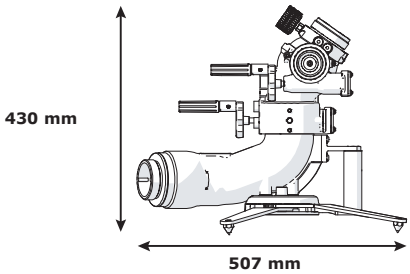


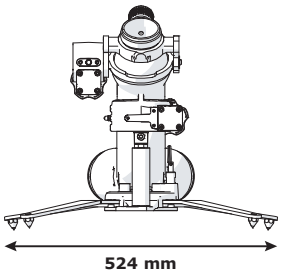


Carrying handle and locking pin of fold away legs



Handwheel for vertical and horizontal position





The monitor nozzle "Rück wind" is very light: less than 12Kg including outlet diffuser and inlet siamese, which is the lightest product of the market. This monitor nozzle has all main possibilities, of a last generation monitor nozzle: it is a PN16 design, vertical range from +25° to 85°. Fold away legs, and several possibilities for inlet and outlet.

Inlets	Outlet	Waterway Ø (mm)	Dimensions repliées (mm)	Weight (kg)	Ref
2x 2.5" BSP male	2.5" NST-NH male	80	451 x 237 x 430	9,59	**37309**

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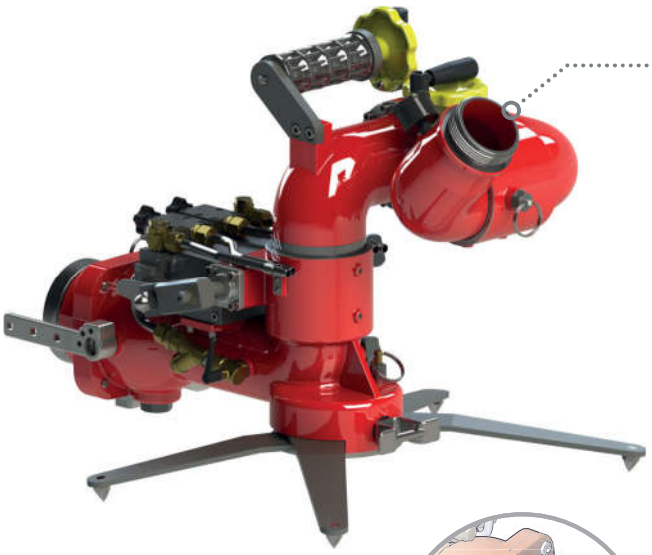
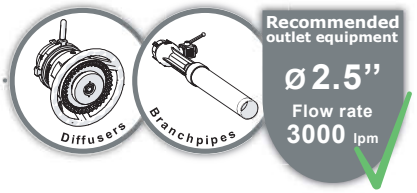
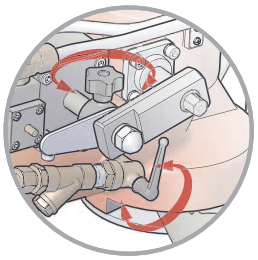
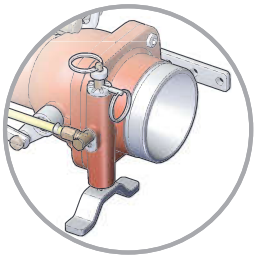
Katz - DN80 portable monitor with automatic sweeping







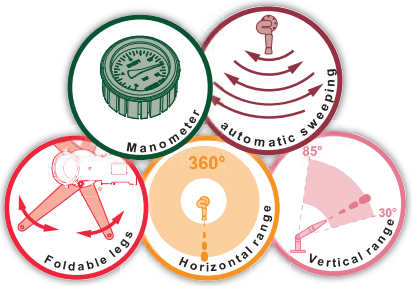
Sweeping system with selectable angle and speed, with shutoff

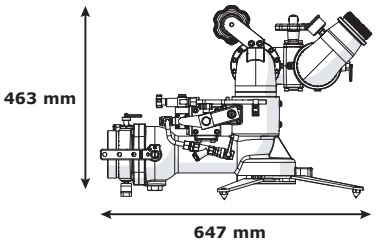


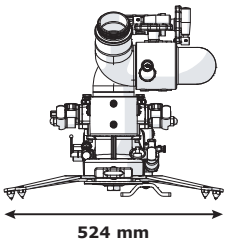
Water supply shutoff with anti-slipping and anti-lift off system

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: ball valve
Opening: by lever
Horizontal movement: on 360°
Balayage automatique: from -25° to +25°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to -85°
Vertical adjustment: by handwheel
Safety: anti-sliding, anti-knocking, anti-lifting, locking of the legs, anchoring strap, shutoff.
Carrying handle: YES
Foldable legs: YES

Options: couplings, outlet equipment, siamese, storage bracket.







Our portable monitor "Katz" DN65 is made of primary aluminium alloy with red polyester coating. The flow rate can go up to 3,000 lpm at 7 bar at the monitor's outlet.
Horizontal travel of 360° and elevation from -15° to 85° are adjustable by handwheel and wormwheel.
An automatic locking device ensures a limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
It is equipped with automated sweeping device: 3 sweeping angles are available ± 15° (ie, a sweeping of 30°), -15° to + 25° or vice versa (ie a 40° sweeping), ± 25° (ie a 50° sweeping). The device can be disconnected by voluntary action.
The inlet valve is connected to the anti-tipping system allowing safety, reducing immediately the flow rate of the monitor, and maintaining the safety of the user.
It is equipped with four stabilising legs.
It can be equipped with different outlet equipment or couplings.

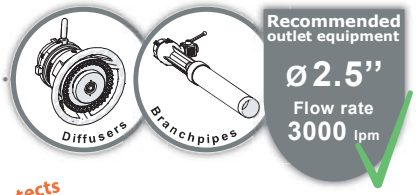
Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
4'' BSP male	2.5'' NST-NH male	80	506 x 397 x 463	19,90	**24590**

Storage bracket for portable monitor

Description	Dimensions (mm)	Weight (kg)	Ref
Storage bracket	490 x 250 x 50	3,24	**20803**

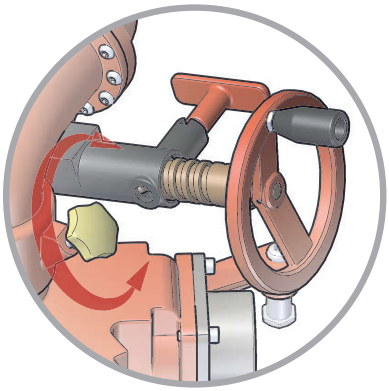
Antenor 3000 - DN80 portable monitor

More than 4000 units sold around the world since 1985

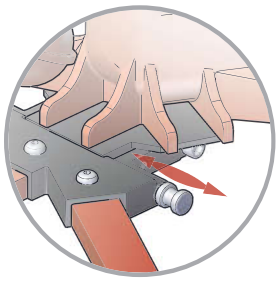


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Horizontal movement: from -90° to +90°
Horizontal adjustment: by handle
Safety: vertical adjustment lockable at 30° by handle, horizontal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

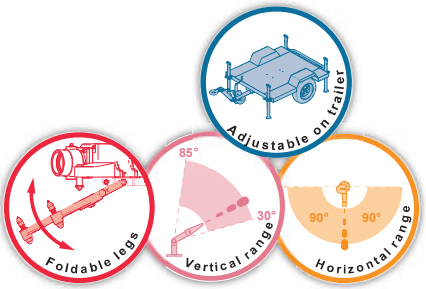
Options: outlet equipment, couplings

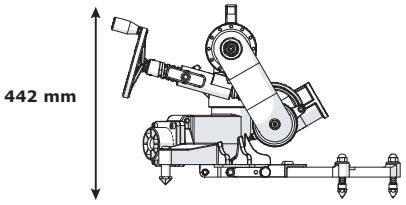


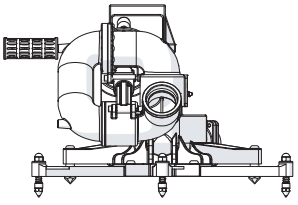
Handwheel for vertical position with locking handle for safety angle and locking knob for horizontal range.



Locking pin for fold away legs







The portable monitor "Antenor 3000" DN80 is made of hard anodised aluminum with red polyester coating. It allows a flow rate up to 3,000 lpm at a working pressure of 7 bar at the monitor's outlet.
The horizontal movement from -90° to +90° can be done thanks to the control handle with locking knob, and with steering wheel for elevation from 0° to +90°.
An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
It is equipped with a grip and carrying handle.
It has five fold away legs: three front stabilising legs and two back stabilising legs. A locking device allows the locking of the fold away legs.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlets	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2x 2.5" BSP female swivel	2.5" BSP female	80	611 x 665 x 424		**03209**

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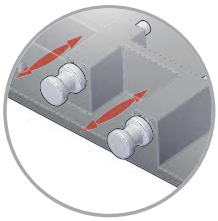
Antenor 3000 monitor on trailer

Portable monitor nozzle "Antenor 3000" DN80 on trailer.
Chassis mounting with pull handle, two wheels of 400 mm, two housing for 20 meters fire hoses Ø 70, four galvanized steel spikes, bracket "Klapklap" to maintain the portable monitor "Antenor 3000".

Description	Weight (kg)	Ref
''Antenor 3000'' monitor on trailer		**09796**

''Klap-klap'' device

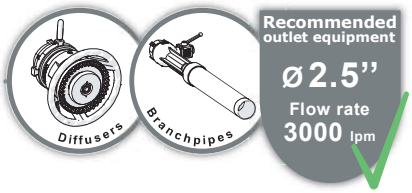


Pin system for fast unlocking

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

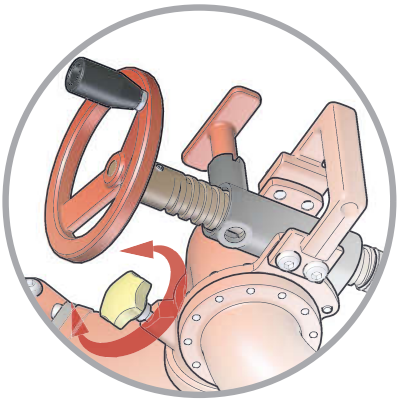
Description	Weight (kg)	Ref
Quick fixation device	2,70	**07738**

Azimutor 3000 - DN80 portable monitor

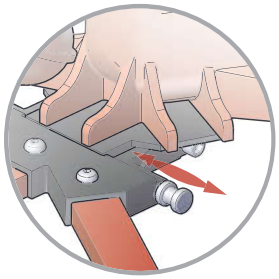


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by pin, vertical and horizontal adjustment locking knobs, locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

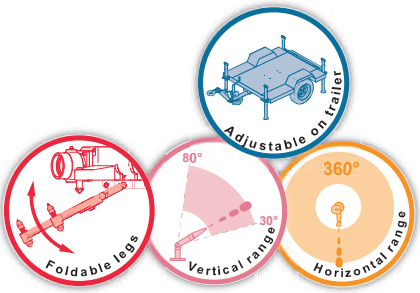
Options: outlet equipment, coupling

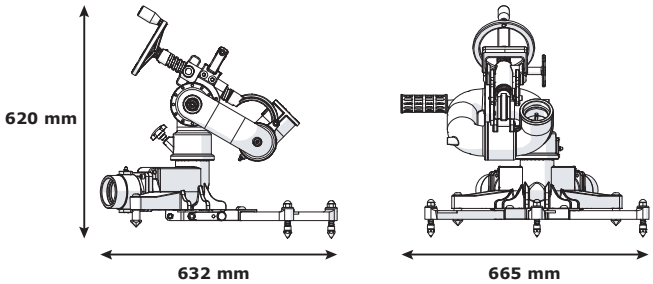


Handwheel for vertical position with locking handle at the safety angle, and locking knob for horizontal position



Locking pin of foldable legs





The portable monitor "Azimutor 3000" DN80 is made of anodised aluminium alloy. The flow rate can go up to 3,000 lpm at a working pressure of 7 bar at the monitor's outlet.
The horizontal travel of 360° is made thanks to a control handle with horizontal locking knob, and steering wheel for elevation from -15° to 90°.
An automatic locking device limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
It has five fold away legs: three front stabilising legs and two back stabilising legs. A locking device allows the locking of the fold away legs.
It can be equipped with different outlet equipment or couplings.

Inlets	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2x 2.5" BSP female swivel	2.5" BSP female	80	675 x 665 x 603		**09387**

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Azimutor 3000 on base

The "Azimutor 3000" can be on an optional portable base with single inlet DN100.

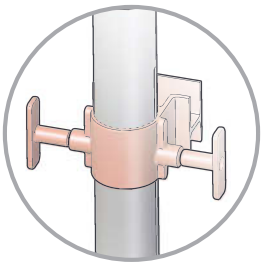
Inlet	Outlet	Weight (kg)	Ref
4" BSP male	2.5" BSP female		**09413**

Azimutor 3000 on flange

The monitor "Azimutor 3000" is designed to be adapted on a standard flange. This way the monitor can be assembled on a fixed installation or a vehicle.

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

Azimutor 3000 with ladder attachment

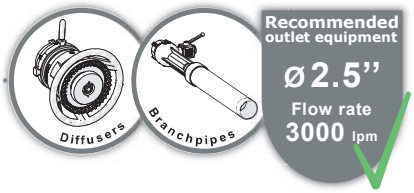


Setting system and locking by handles

Our monitor "Azimutor 3000" DN80 is available on mounting for ladder support or platform, with horizontal travel limiter.

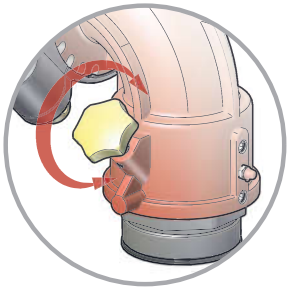
Inlet	Outlet	Weight (kg)	Ref
DSP DN65	DSP DN65, with lock		**13608**

Primator 3000 - DN80 fixed monitor in aluminium alloy

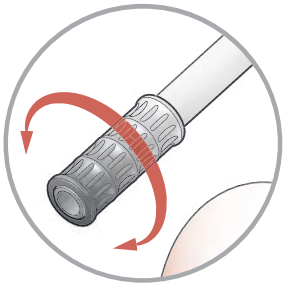


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -70° to +85°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by pin, horizontal adjustment lockable by knob.

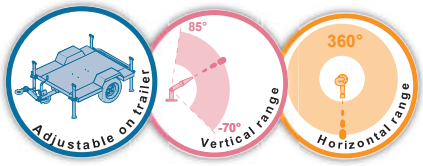
Options: outlet equipment, couplings, base, ladder attachment.

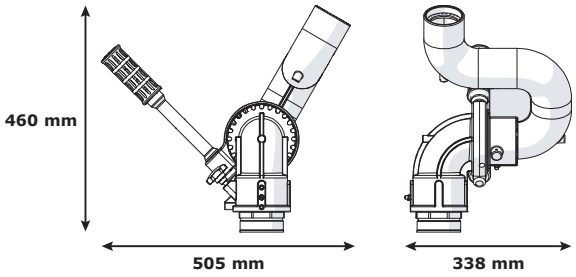


Horizontal adjustment lockable by knob and oiler



Vertical adjustment lockable by handle





Our "Primator 3000" DN80 monitor is made for stationary, or to use on road chassis, ladder or platform.
Flow rate can go up to 3,000 lpm at 7 bar at the monitor's outlet.
Operation via handle for adjustable positions.
Travel: -70° to 85° in elevation and 360° in horizontal.
Made of primary aluminium alloy, thermic treatment, high strength, protected against corrosion and anodised to resist to chemical attack of foam concentrates.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
3" BSP male	2.5" BSP female	80	505 x 338 x 460	7,35	**20970**
Flange DN65 PN16	2.5" BSP female	80	505 x 361 x 477	8,78	**01505**
Flange DN80 PN16	2.5" BSP female	80	505 x 361 x 485		**01506**
Flange DN100 PN16	2.5" BSP female	80	505 x 361 x 495	9,87	**01507**
Flange 3" ASA150	2.5" BSP female	80			**16645**
Flange 4" ASA150	2.5" NST-NH male	80	505 x 383 x 542	10,09	**16646**

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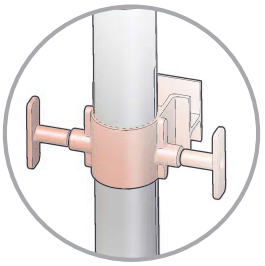
Primator 3000 on base

The "Primator 3000" can be on an optional portable base with single inlet DN100. It can be equipped with different outlets: diffuser, foam branchpipe, water branchpipe,...

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

Primator 3000 with ladder attachment

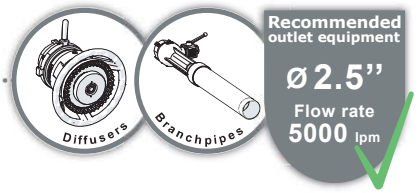


Handle for locking of the vertical position

Our monitor "Primator 3000" DN80 is available on mounting for ladder support or platform.

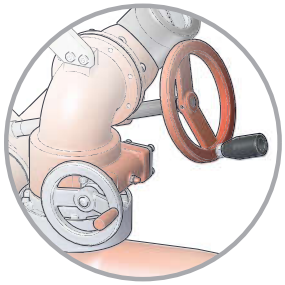
Inlet	Outlet	Weight (kg)	Ref
2.5'' BSP male	2.5'' BSP male		**01508**

LMP80 - DN80 portable monitor

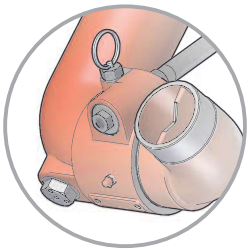


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: from -153 to +101°
Horizontal adjustment: by handwheel or handle
Vertical movement: from 0° to +85°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by pin,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

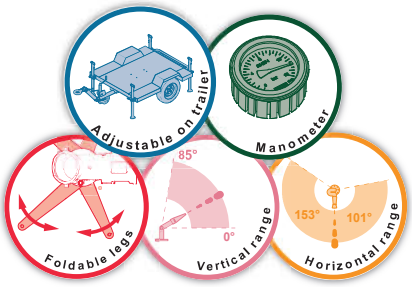
Options: outlet equipment, coupling, storage bracket

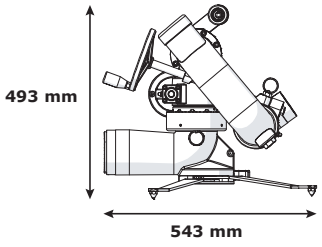


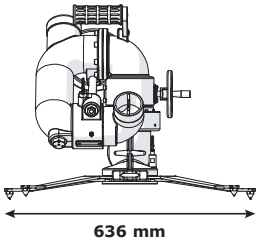
Handwheel for horizontal and vertical position



Safety pin for vertical position and flush







The portable monitor LMP 80 is made of anodised aluminium alloy, with red polyester coating.
The flow rate can go up to 5,000 lpm at a working pressure of 7 bar at the monitor's outlet.
The horizontal range is set between -153° to + 101° by handwheels with locking system.
Elevation range goes from 0° to 85° by handwheel with locking knob.
An automatic locking device ensures a limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
Our monitor "LMP 80" is equipped with fold away legs, with locking device and a anchorage ring to fix a strap.
It is equipped with one grip and carrying handle.
The monitor is equipped with a manometer to control pressure.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Horizontal adjustment	Vertical adjustment	Folded dimensions (mm)	Weight (kg)	Ref
4'' BSP male	2.5'' BSP male	80	By handwheel	By handwheel	593 x 388 x 468	20,2	**29413**
4'' BSP male	2.5'' BSP male	80	By handle (with break)	By handwheel	593 x 388 x 468		**29411**
4'' BSP male	2.5'' BSP male	80	By handle (with lock)	By handwheel	593 x 388 x 468		**29412**

Storage bracket for portable monitor

Description	Dimensions (mm)	Weight (kg)	Ref
Storage bracket	490 x 250 x 50	3,24	**20803**

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LMP80 - mount only (lower section)

The lower section of the LMP80 with the quick coupling is designed to be assembled to a monitor initially on a truck or telescopic tube and transform it into a portable monitor !

Description	Weight (kg)	Ref
Lower section only (Inlet 4" BSP male)	8,4	**10847**

LMP80 - upper section only, with handwheels

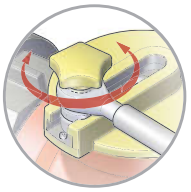
The upper section of the LMP80 can be mounted on a base, a flange, with quick coupling or telescopic tube.
It can be equipped with different outlets: diffuser, water and foam branchpipe...

Description	Weight (kg)	Ref
2 handwheels - Outlet 2.5" BSP male	11,8	**29176**

LMP80 - upper section only, with handle for oscillator

Description	Weight (kg)	Ref
Horizontal lock - Outlet 2.5" BSP male	12	**29297**
Horizontal break - Outlet 2.5" BSP male	12	**22329**

Oscillator for LMP80, for references 29297 and 22329

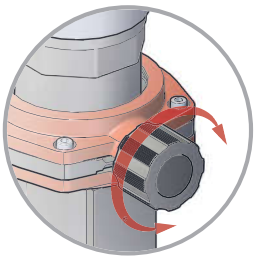


Easy adjustment of the sweeping range

Option for portable monitor "LPM 80" (version without handwheel for horizontal adjustment).
Our oscillator allows to transform our monitor nozzle in an automated sweeping monitor nozzle.
The horizontal angle is adjustable from 0° to 60°.
The setting of the sweeping angle can be done during operation of the monitor.

Description	Weight (kg)	Ref
Automatic oscillator DN100	5,5	**14230**

Telescopic tube option for LMP80



Opening knob for the hydraulic jack

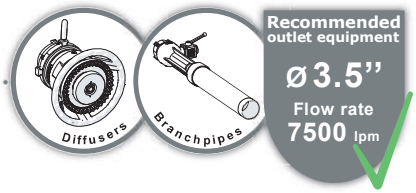
The telescopic tube for monitor LMP80 allows to put the monitor on a vehicle for quick operation.
There are 2 versions of the telescopic tube: 12" for up to 300mm height to mount the monitor on a vehicle, and in 18" for up to 450 mm.

Inlet	Outlet	Elevation (mm)	Dimensions (mm)	Weight (kg)	Ref
3'' BSP male	Quick coupling	300		15,4	**08293**
3'' BSP male	Quick coupling	450		19,3	**11087**
3'' NPT male	Quick coupling	300		15,6	**11088**
3'' NPT male	Quick coupling	450		19,5	**10983**

Quick coupling DN80 on flanges

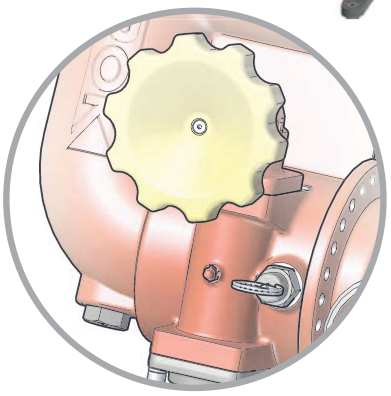
Description	Weight (kg)	Ref
Quick coupling on flange 3'' ASA150		**08291**
Quick coupling on flange 4'' ASA150	4	**22011**

DN100 portable monitor

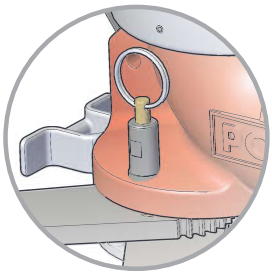


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by stop, locking of the legs,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

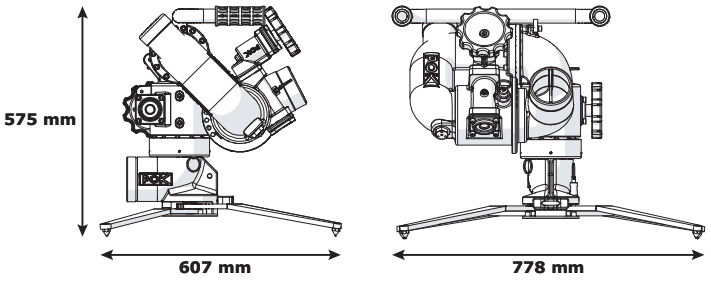
Options: outlet equipment, couplings



Handwheel for vertical position with locking pin, and automated flush



Locking knob of fold away legs a anchorage ring to fix a strap.



Our portable monitor DN100 is made of anodised aluminium alloy, finished with red polyester coating PN16.
The flow rate goes up to 7,500 lpm at a working pressure of 7 bar at the monitor's outlet.
Horizontal range is 360°, vertical range is from +30° to 85° by steering wheel.
An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
It is equipped with a grip and carrying handle.
The monitor comes with four stabilising legs, one locking ring and a anchorage ring to fix a strap.
It has a manometer to control the pressure.
It can be equipped with different outlet equipment or couplings.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
4" BSP male	3.5" NST-NH male	100	782 x 584 x 575	30,87	**37308**

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DN100 portable monitor - upper section only

The upper part for the portable monitor DN100 can be on a flange equipped with a multiclaw coupling or on an telescopic tube.
It can be equipped with various outlets: diffuser, water branchpipe, foam branchpipe...

Description	Weight (kg)	Ref
Upper section only (Outlet 3.5" NST-NH male)	23,26	**22217**

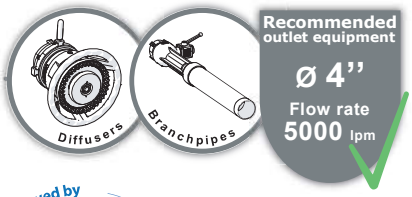
Extension for DN100 monitor

Description	Weight (kg)	Ref
Extension - length 500 mm	3,3	**22205**

Quick coupling DN100 on flange

Description	Weight (kg)	Ref
Quick coupling on flange 4'' ASA150	4	**22011**

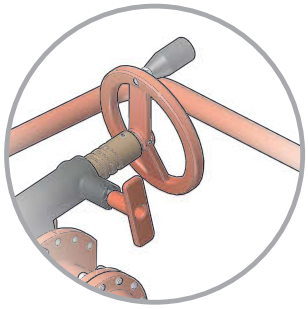
Minotor 5000 - DN100 portable monitor



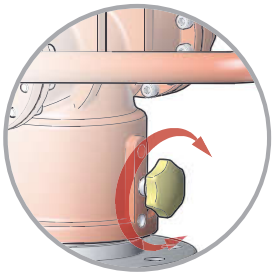
Approved by the RUSSIAN Interior Ministry

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +75°
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by handle, horizontal adjustment locking knob, anchoring strap
Foldable legs: YES

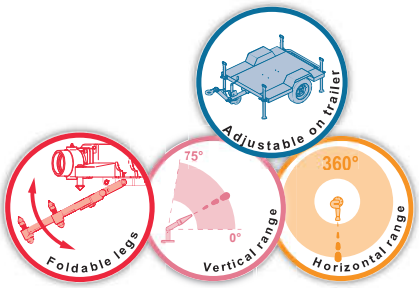
Options: outlet equipment, couplings

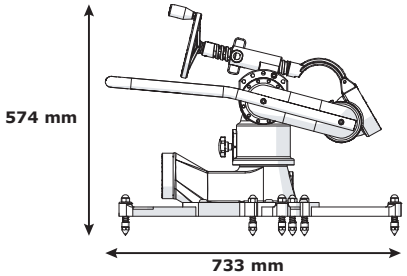


Handwheel for vertical position with locking pin for safety angle



Locking knob for horizontal position





The portable "Monitor 5000" is made of anodised aluminium finished with red polyester coating.
The flow rate goes up to 5,000 lpm at a working pressure of 7 bar at the monitor's outlet.
The horizontal range is 360° by control handle with locking knob.
The elevation range goes from 0° to 75° and can be set by steering wheel.
An automatic locking device limits to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
It is equipped with six stabilising legs, with spring loaded spikes for soft ground.
It can be equipped with different outlet equipment or couplings.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
2x 4" BSP male	4" BSP female	100			**09390**
4" BSP male	4" BSP female	100	733 x 730 x 574	40,28	**09391**
Flange DN100 PN16	AR DN100	100	685 x 536 x 440		**09393**
Flange DN100 PN16	4" BSP female	100			**09393.FF4**
Flange 4" ASA150	4" NST-NH male	100			**13610**
4'' NST-NH female	4" NST-NH male	100			**13611**

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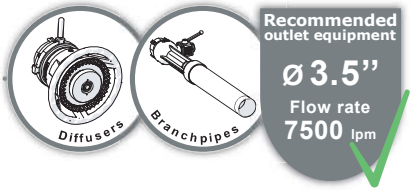
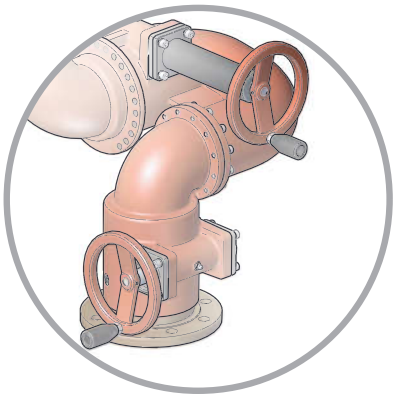
4'' fixed monitor

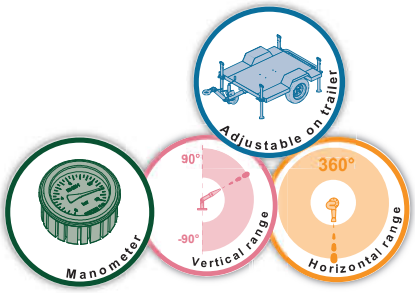


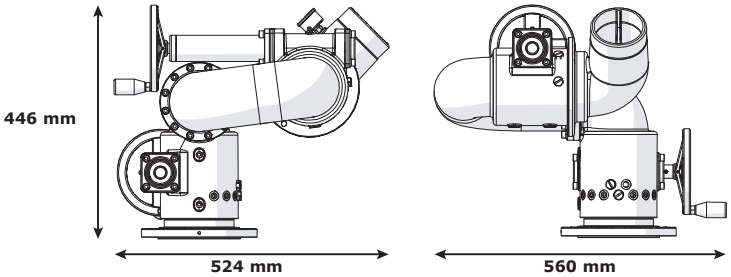
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel

Options: outlet equipment



Handwheel for vertical position and horizontal position

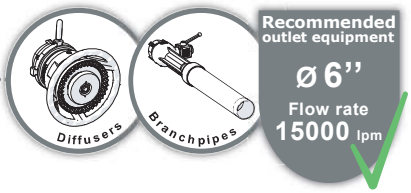




Our fixed monitor DN100 is made of aluminium alloy finished with red polyester coating and PN16.
Flow rate can go up to 7,500lpm at a working pressure of 7 bar at the monitor's outlet.
It has the same characteristics as the portable version. Horizontal range is 360° and elevation range: -90° to +90° by handwheels.
It can be equipped with different outlet equipment or couplings.

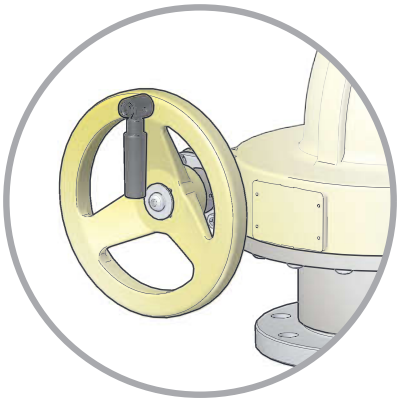
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 4'' ASA150	3.5'' NST-NH male	100	524 x 560 x 446	41	**29428**

Dicodoplus - DN150 fixed monitor

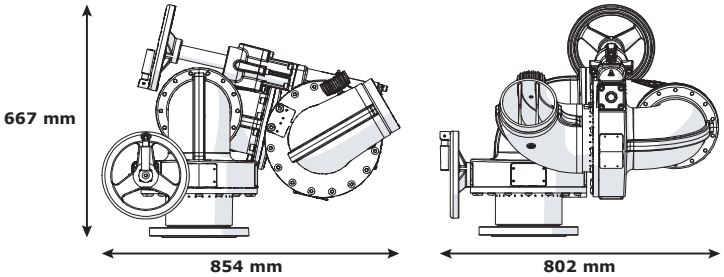


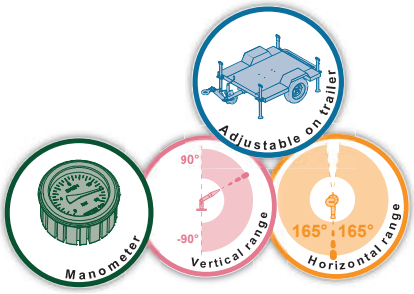
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 330°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel
Safety: adjustable stops for vertical and horizontal adjustments

Options: outlet equipment



Handweel for vertical and horizontal position with foldable handles





The flow rate of our monitor "Dicodoplus DN150" is 15,000 lpm at a working pressure of 7 bar at the monitor's outlet.
It is made of aluminium alloy anodised, finished with yellow polyester coating and PN16. The horizontal range is 330º and the elevation range goes from -90º to 90º. The positions are set via a steering wheel. It has a manometer to control the pressure.
It can be equipped with different outlet equipment or coupling.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange DN150 PN16	6'' BSP male	150	854 x 802 x 667	110	**27763**

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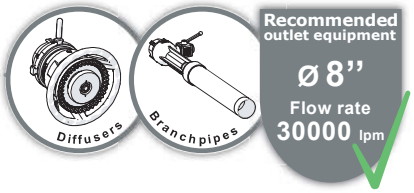
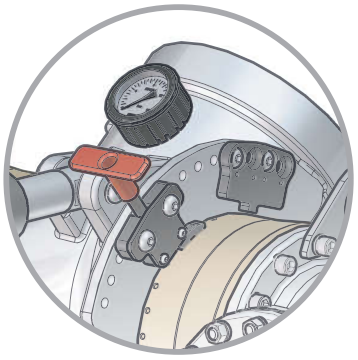
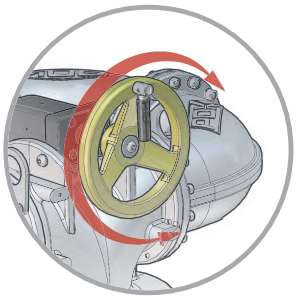
DN200 fixed monitor

High flow rate
Up to 30 000 liters per minute





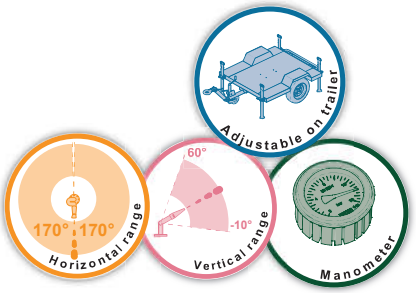
Handle for safety locking of vertical position (for trolley using) and pressure gauge

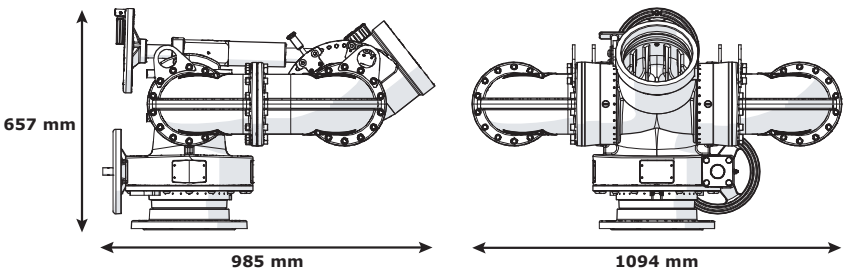


Handweel for vertical and horizontal position with foldable handles

Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to +170°
Horizontal adjustment: by handwheel
Vertical movement: from -10° to +60°
Vertical adjustment: by handwheel
Safety: adjustable stops for vertical adjustments

Options: flange, outlet equipment

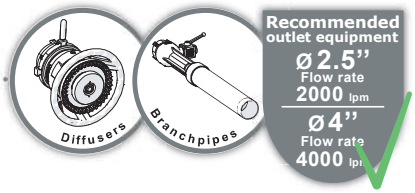




Our monitor DN200 is one of the most powerful monitor of our range of products.
The flow rate is 30,000 lpm at a working pressure of 7 bar at the monitor's outlet.
It is made of aluminium alloy anodised, finished with white polyester coating and PN16. The horizontal range is 340º and the elevation range goes from -10º to 60º. The positions are set via a handwheel. It has a manometer to control the pressure.
It can be equipped with different outlet equipment or coupling.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 8'' ASA150	8'' BSP female	200	985 x 1094 x 657	187	**37426**

Matador - mono-azimuthaux water-foam branchpipes

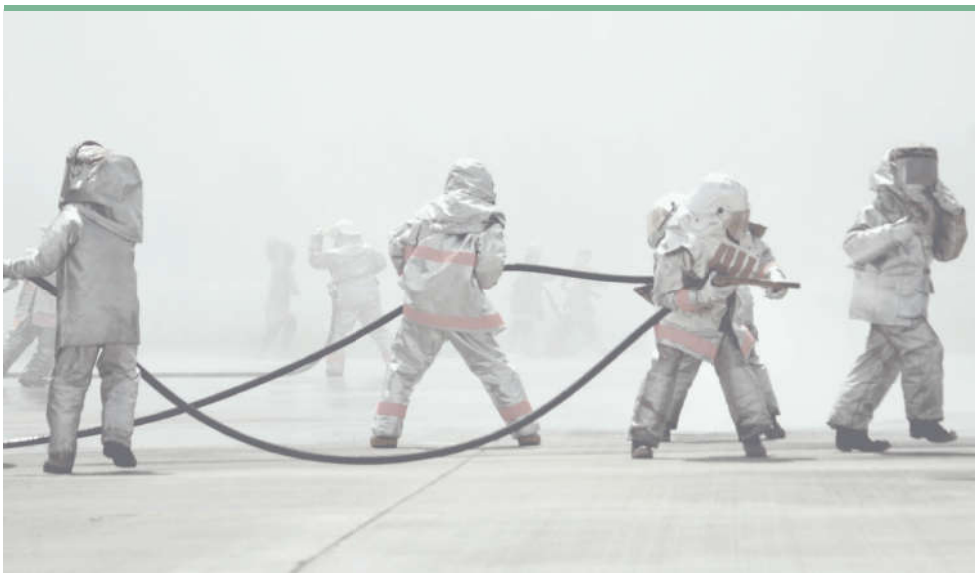


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from 15° to +80°
Vertical adjustment: by handwheel
Safety: anchoring strap.

Options: couplings, outlet equipment.

Our range of Mono-azimuth water-foam branchpipes "Matador" is made of anodised aluminium alloy.
We offer two versions of this item: branchpipe 2000 lpm with 2 inlets DSP DN65 with locking ring or branchpipe 4,000 lpm with two inlets AR100 with locking ring. It is delivered with pick up tube.
Elevation range is +15° to +80° wheel operated.
An automatic locking device ensures a limit to 30° from horizontal the elevation range of the diffuser (unlocked by manual action).
Our "Matador" is equipped with a stabilising bar on the floor with a transport handle, and a mooring ring to fix a strap (strap supplied).
The monitor is equipped with a manometer to control pressure.

Inlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2x DSP DN65 with lock				**01521**
2x DSP DN100 with lock				**09397**



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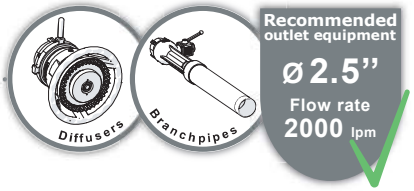
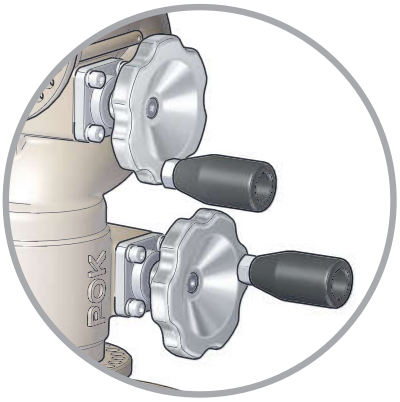
DN65 fixed monitor with handwheels, in bronze

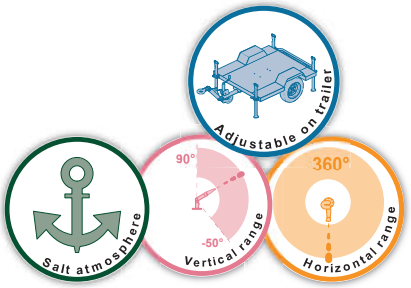


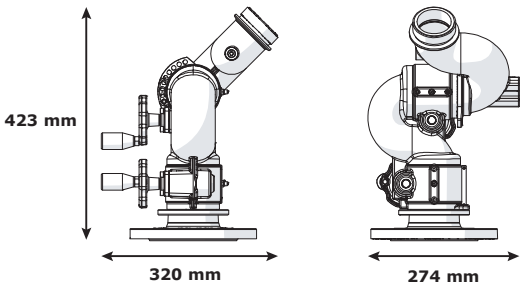
Maximum working pressure: PN16
Material: bronze
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -50° to +90°
Vertical adjustment: by handwheel

Options: outlet equipment, flange



Handwheel for vertical position and horizontal position

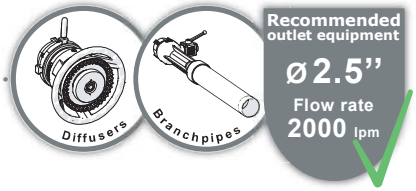




Our fixed monitor nozzle DN65 in bronze is made to be used in a marine environment and is PN16.
The flow rate can go up to 2,000 lpm at 7 bar at the monitor's outlet.
Elevation range is from -50° to +90°, horizontal range 360° by handwheels.
It can be equipped with different outlet equipment or couplings.

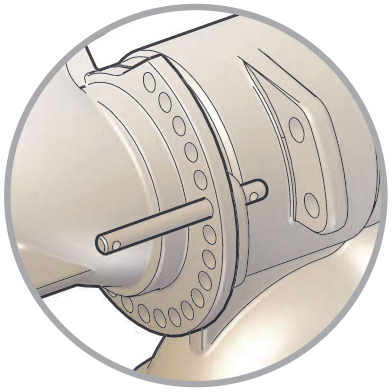
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 4" ASA150	2.5" NST-NH male	65	320 x 274 x 423	22,20	**20432**

DN65 fixed monitor without handwheels, in bronze

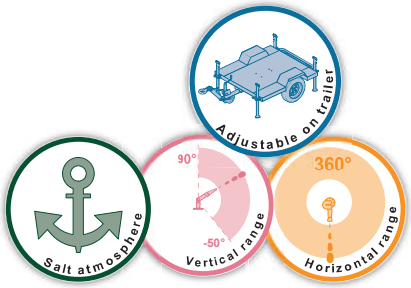


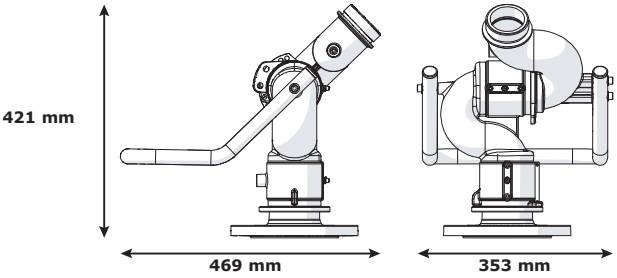
Maximum working pressure: PN16
Material: bronze
Horizontal movement: on 360°
Horizontal adjustment: handle
Vertical movement: from -50° to +90°
Vertical adjustment: handle
Safety: locking pins for vertical and horizontal adjustments

Options: outlet equipment, flange



Safety pin for locking of vertical and horizontal position





Our fixed monitor nozzle DN65 in bronze allows it to be used in a marine environment and is PN16.
The flow rate can go up to 2,000 lpm at 7 bar at the monitor's outlet.
Elevation range is from -50° to +90°, and horizontal range 360° are set by a carrying handle, with locking knob.
It can be equipped with different outlet equipment or coupling.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 3'' ASA150	2.5'' NST-NH male	65	469 x 353 x 421	18,7	**21189**
Flange 4'' ASA150	2.5'' NST-NH male	65	469 x 353 x 421	21	**21005**

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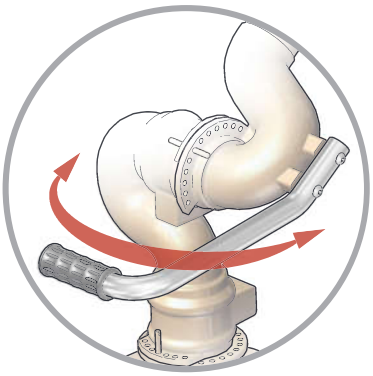
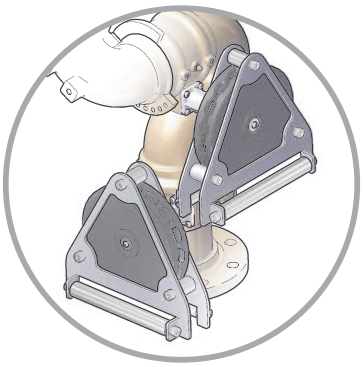
DN80 fixed monitor with handwheels, in bronze



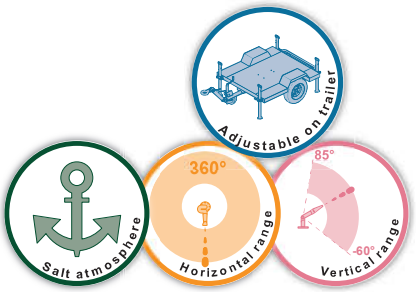
Handle with locking pin for vertical and horizontal position

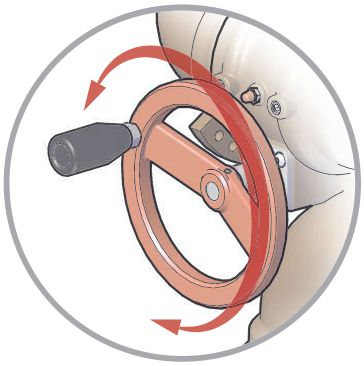
Maximum working pressure: PN16
Material: bronze
Body type: moulded
Horizontal movement: on 360°
Horizontal adjustment: by handwheels, by handle or by chains
Vertical movement: from -60° to +85°
Vertical adjustment: by handwheels, by handle or by chains

Options: outlet equipment, flange

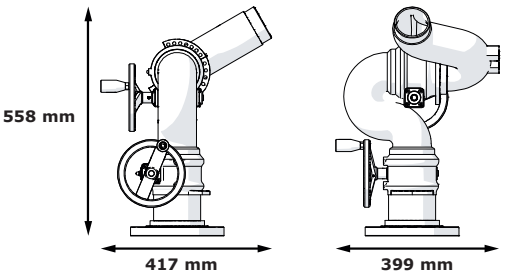


Wheels with markprint for remote control by chain





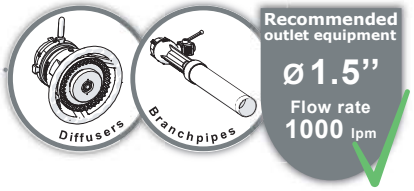
Handwheel for vertical and horizontal position



The DN80 monitor in bronze is made to be used in a marine environment. The set up of the elevation position from -60° to +85° and in horizontal 360° can be done thanks to operating handwheels, handle or chains.
It can be equipped with different outlet equipment or couplings.

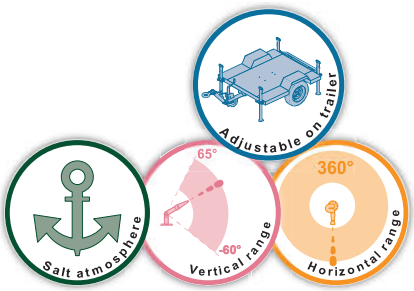
Inlet	Outlet	Waterway Ø (mm)	Operating device	Dimensions (mm)	Weight (kg)	Ref
Flange 4'' ASA150	3'' BSP male	80	by handwheels	417 x 399 x 558	36,15	**34377**
Flange 4'' ASA150	3'' BSP male	80	by handle	573 x 419 x 566	41,28	**34457**
Flange 4'' ASA150	3'' BSP male	80	by chains	444 x 380 x 558	57,94	**34343**

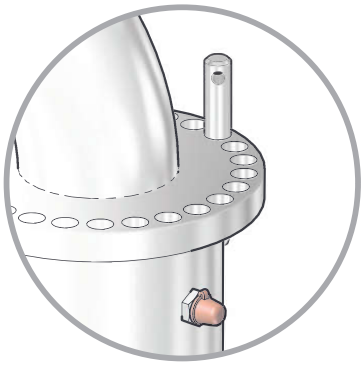
Snake - DN40 fixed monitor, in stainless steel



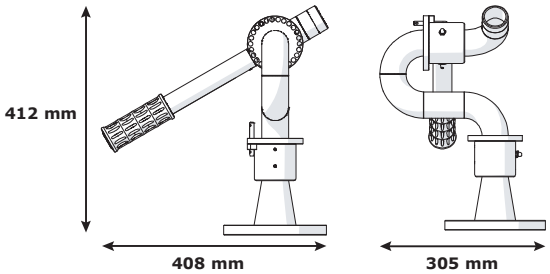
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +65°
Vertical adjustment: by handle
Safety: locking pins for vertical and horizontal adjustments

Options: outlet equipment, flange





Knob for locking and grease



The monitor "Snake" DN40 in stainless steel has a simple and robuste design.
The orientation of the jet in the horizontal plan over 360° and elevation from -60° to +65° are obtained with a lever and can be locked in their positions separately.
The carrying handle makes it easy to operate.
It can be equipped with different outlet equipment or inlet flange.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange DN65 PN16	1.5'' BSP male	40	408 x 305 x 412	9,14	**33897**

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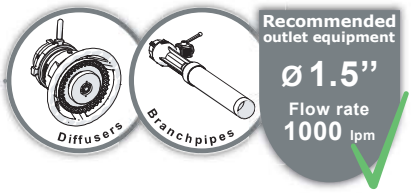
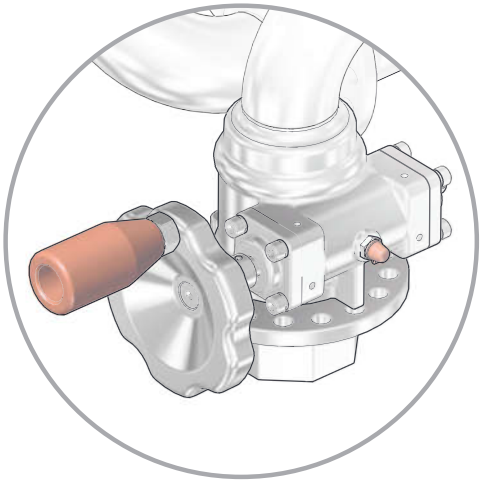
Snake - DN40 fixed monitor with handwheel, in stainless steel

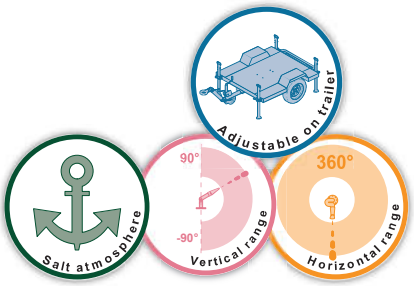


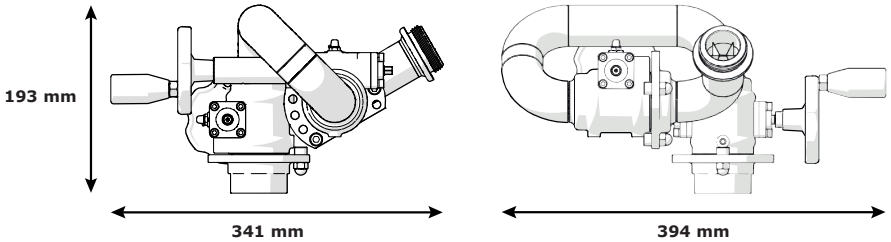


Handwheel with handle, driling for stop setting every 22,5°, grease knob and endless screw

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel
Safety: adjustable stops for vertical and horizontal adjustments

Options: outlet equipment, flange

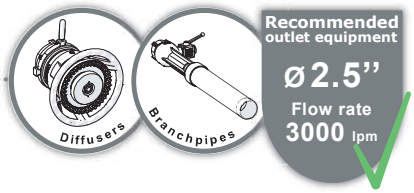




The monitor "Snake" DN40 in stainless steel with operating handwheel is an easy to use and sturdy monitor.
The 360° horizontal movement and the vertical movement from -90° to +90° are adjusted by means of the handwheels.
It can be equipped with different outlet equipment or inlet flanges and threads.

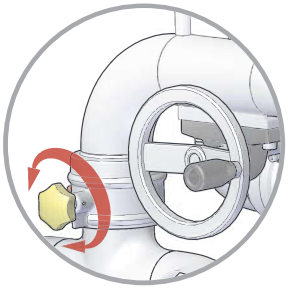
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
1.5'' NPT female	1.5'' NST-NH male	40	341 x 394 x 193	7,15	**20402**

DN65 portable monitor, in stainless steel

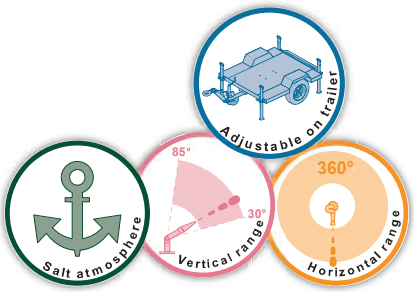


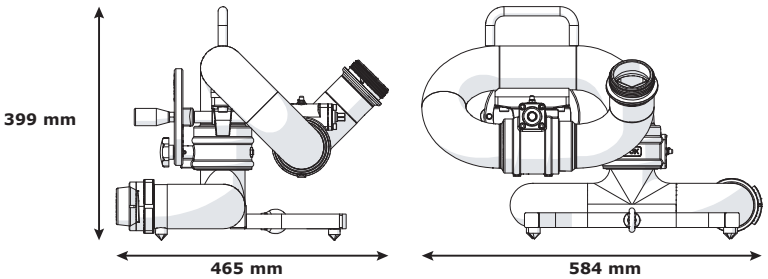
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipment, coupling



Handwheel for vertical adjustment and knob for horizontal locking





Our portable monitor DN65 is made of stainless steel, PN16 design.
Flow rate can go up 3,000 lpm at 7 bar at the monitor's outlet.
Horizontal range is 360° by carrying handle with locking.
Elevation is adjustable from +30° to +85° by handwheel.
The monitor is equipped with a portable base of two symmetric inlets DN65 with lock.
The monitor has a base with two feet for maximum stability on the ground and a mooring ring to fix a strap (strap supplied).

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
2x 2.5" BSP male	2.5'' NST-NH male	65	465 x 584 x 399	18,35	**37390**
2x SG DN65	2.5'' NST-NH male	65	465 x 584 x 399	18,5	**20344**

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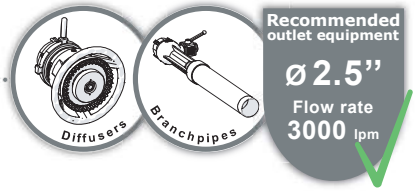
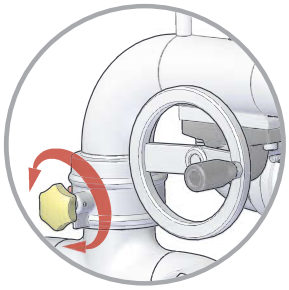
DN65 fixed monitor, in stainless steel

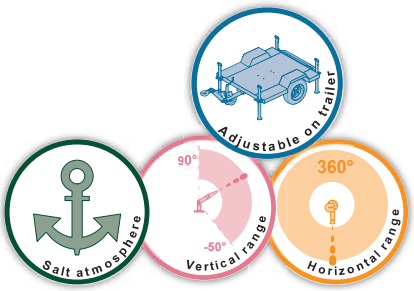


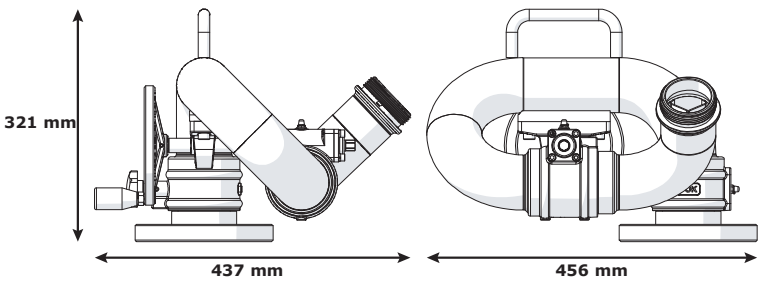
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipment



Handwheel for vertical adjustment and knob for horizontal locking

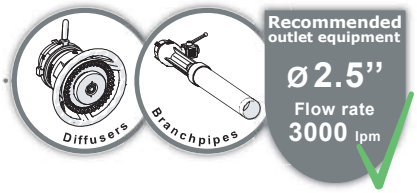




Our fixed monitor DN65 is made of stainless steel, PN16.
Flow rate can go up to 3,000 lpm at a working pressure of 7 bar at the monitor's outlet.
It has the same characteristics as the mobile version. Horizontal range of 360° by handle with locking device, and elevation range of -60° to +80° by handwheel.
Different inlet flanges and outlet equipment are possible.

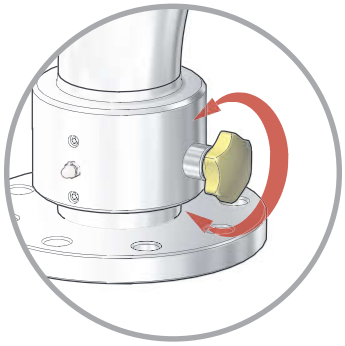
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 3" ASA150	2.5'' NST-NH male	65	437 x 456 x 321	17,97	**20350**

Mercator - DN80 fixed monitor, in stainless steel

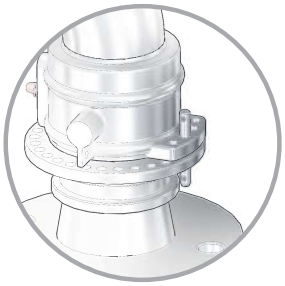


Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handle

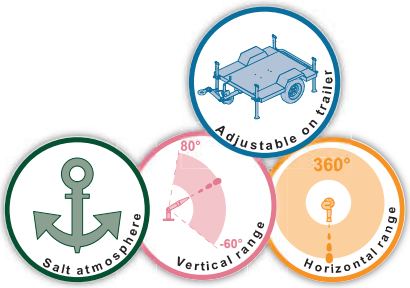
Options: outlet equipment

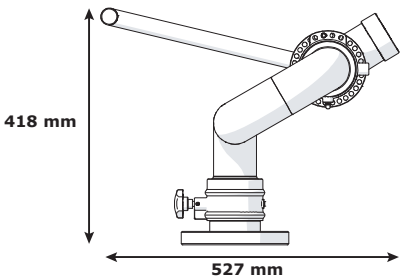


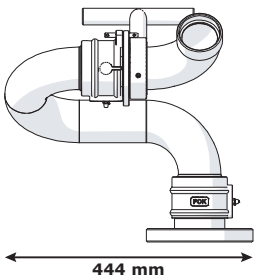
Locking knob for vertical and horizontal position



Optional: replacement for the locking knob by a pin







Our fixed monitor "Mercator 3000" is made of stainless steel, PN16 designed.
Flow rate can go up to 3,000 lpm at 7 bar at the monitor's outlet.
Horizontal range is 360° by handle with locking. Elevation range is -60° to +80° by setting tray with locking knob.
It can be equipped with different outlet equipment or inlet flanges.

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

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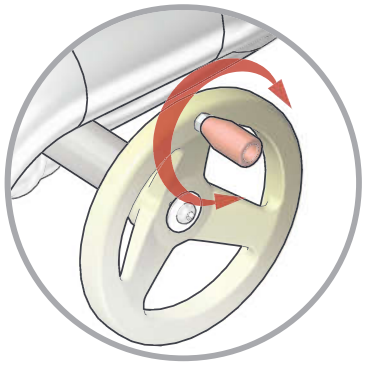
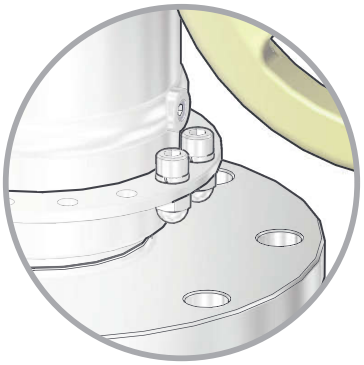
DN100 fixed monitor with handwheels, in stainless steel



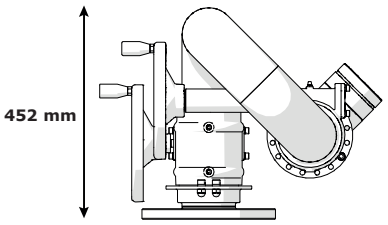
Operating handwheels for vertical and horizontal positions

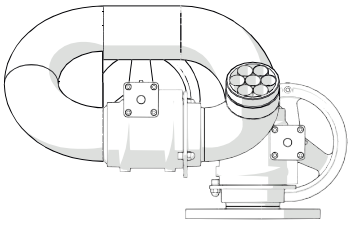


Horizontal and vertical movements stops by steps of 22.5°

Maximum working pressure: PN16
Material: stainless steel and bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel

Options: outlet equipment

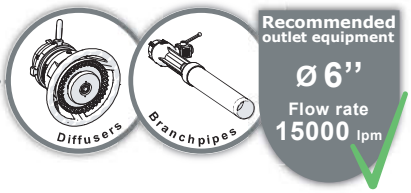




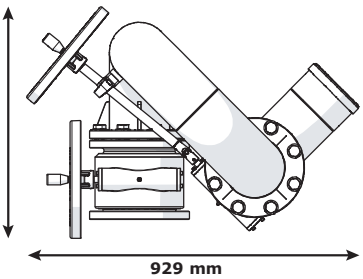
Our manual monitor DN100 in stainless steel offers an unequalled easiness of use thanks to its two geared handwheels.
Vertical movement from -90° to +90° and horizontal movement from -170° to 170° according to the stops (adjustment by steps of 22.5°).
It is equipped on the inlet with a flange 4" ASA150 and on the outlet with a 3.5" NST-NH thread on which a diffuser or a foam branchpipe can be mounted.
The pipe of this monitor inlcudes an inside stream shaper made of seven elements which enables to get a higher range and a better stream quality.
It can be equipped with different outlet equipment or coupling.

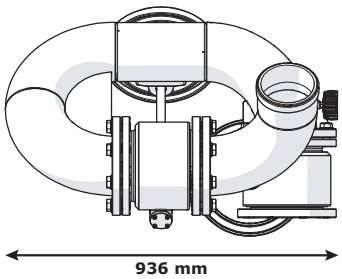
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 4'' ASA150	3.5'' NST-NH male	100	602 x 726 x 452	56	**31323**

Gearator - DN150 fixed monitor with handwheels, in stainless steel



Handwheel for vertical and horizontal position





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

Options: outlet equipment

The fixed monitor "Gearator" DN150 is one of the most powerful model of our range of fixed monitors.
It is made of stainless steel, PN16.
Flow rate can go up to 11,000 lpm at 7 bar at the monitor's outlet.
The horizontal movement is working over 360° and elevation from -80° to +80° by handwheels and elevation worm wheel.
The equipment comes with a manometer to control the pressure.
It can be equipped with different outlet equipment or coupling.

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

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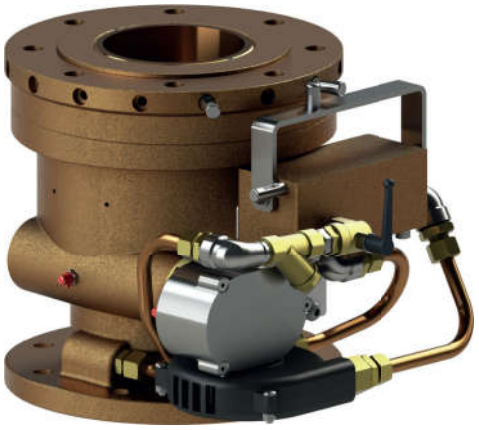
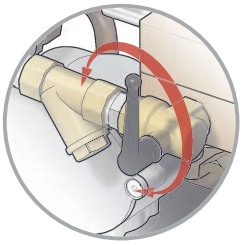
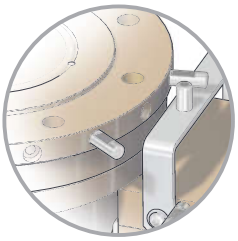
hydraulic actuator





Shutoff valve and oscillation speed adjustment. Easy maintenance of the filter in the actuator



Adjustment stops of the angular stroke with 20° incrementation

Maximum working pressure: PN16
Material: stainless steel, bronze
Opening: by valve
Speed adjustment: by valve
Horizontal movement: on 360°, automatic sweeping
Filter: YES

Our DN100 hydraulic actuator was designed to offer more oscillating opportunities for fixed monitors.
It is entirely made of bronze with screws in stainless steel.
The oscillation angles are easily adjustable from 20° to 360° (with 20° incrementation).
It can be equipped with a flange DN100 PN16 or 4" ASA150 for in-and outlets.

Inlet	Outlet	Speed	Dimensions (mm)	Weight (kg)	Ref
Flange 4'' ASA150	Flange 4'' ASA150	0,9 rpm @ 10 bar 0,7 rpm @ 7 bar	327 x 256 x 239	41,9	**33375**
Flange DN100 PN16	Flange DN100 PN16	0,9 rpm @ 10 bar 0,7 rpm @ 7 bar	327 x 256 x 239	41,9	**33375.PN16**

Tripod stands, without valve

Maximum working pressure: PN16
Material: steel (stainless steel on request)
Surface treatment: polyester coating

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref
Flange DN65 PN16	Flange 2.5" ASA150	Ø561 x 744	16,27	**20726**
Flange DN80 PN16	Flange DN65 PN16	Ø561 x 747	16,92	**20878**
Flange DN80 PN16	Flange DN80 PN16	Ø656 x 620	18,30	**09526**
Flange 3'' ASA150	Flange 3'' ASA150	Ø650 x 620		**09527**
Flange DN100 PN16	Flange DN100 PN16	Ø656 x 620	19,30	**09528**
Flange 4'' ASA150	Flange 4'' ASA150	Ø650 x 620	22,16	**09529**
Flange 6" ASA150	Flange 6" ASA150	Ø1210 x 1018	65	**27988**

Right-angled tripod stand, without valve

Maximum working pressure: PN16
Material: stainless steel

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref
4'' BSP male	Flange 3'' ASA150	610 x 542 x 620	15,10	**32721**

Tripod stands, with valve

Maximum working pressure: PN16
Material: steel (stainless steel on request)
Surface treatment: polyester coating
Shutoff: flywheel
Opening: by handwheel

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref
Flange DN80 PN16	Flange DN80 PN16 **2x** DSP DN65	Ø650 x 620		**09530**
Flange 3'' ASA150	Flange 3'' ASA150 **2x** DSP DN65	Ø650 x 620		**09531**
Flange 4" ASA150	Flange 3" ASA150 **2x** 2.5" BSP female	Ø630 x 700	29,32	**34110**
Flange DN100 PN16	Flange DN100 PN16 **2x** DSP DN65	Ø650 x 620		**09532**
Flange 4'' ASA150	Flange 4'' ASA150 **2x** DSP DN65	Ø650 x 620		**09533**
Flange DN150 PN16	DN150 PN16 **2x** 2.5" BSP female	Ø1210 x 1086	68,28	**33348**

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Our nozzles, monitors, foam equipments, dividers can be equipped with all types of couplings existing all over the world and manufactured by POK using the the best materials.

	Control systems				Aluminium alloy monitors					
	MINI-ATEX control system	Système de commande 2EASY	FULL control system	TECHNO control system	DN65 portable monitor	DN65 fixed monitor	Montmirail DC	Dicodoplus, DN80 portable monitor	Florence, DN80 monitor	DN100 portable monitor
Flow rate (lpm)					**2400**	**3000**	**4000**	**5000**	**5000**	**7500**
Outlet diameter					**2.5"**	**2.5"**	**2.5"**	**2.5"**	**2.5"**	**3.5"**
Working pressure (bar)					7	7	7	7	7	7
Working pressure (PSI)										
Maximum working pressure (bar)					16	16	16	16	16	16
Waterway Ø (mm)					65	65	80	80	80	100
Horizontal movement					on 360°	on 360°	from -170° to +170°	from -168° to +168°	from -168° to +168°	on 360°
Vertical movement					from +32° to +90°	from +32° to +90°	from +25° to +85°	from -90° to +90°	from -30° to +90°	from +30° to +90°
Compatible EasyDrive©					•	•	•	•		•
Speed					22°/s	22°/s	9°/s	11°/s	11°/s	9°/s
Material					Alu	Alu	Alu	Alu	Alu	Alu
Hard anodisation					•	•	•	•	•	•
Polyester coating					•	•	•	•	•	•
Open/close valve										
Flush										
Portable	•	•	•		•		•	•		•
Fixed				•		•		(•)	•	(•)
Handwheel					•	•	•	•	•	•
Pressure gauge							•			
Waterproofness	IP66	IP65	IP66	IP67						
ATEX design	•				(•)		•			
Radio range in open field	200 m	150 m	500 m	Wired						
Battery life	8 h	20 h	16 h							
OPTIONS	AN-PS	AN-PS	AN-PS-BAT-PD		I-O-CO-T	I-O-CO	I-O-CO	I-O-CO-T	I-O-CO	I-O-CO-T
Page	135	136	137	138	141	142	143	144-145	146	147-148

Options: **AN -** Long receiving antenna, **PS -** 230 VAC power supply for receiver, **BAT -** extra battery, **PD -** Position display, **I -** Inlet coupling, **O -** Outlet equipment, **CO -** Control system, **T -** Trolley
(•): Depending on reference

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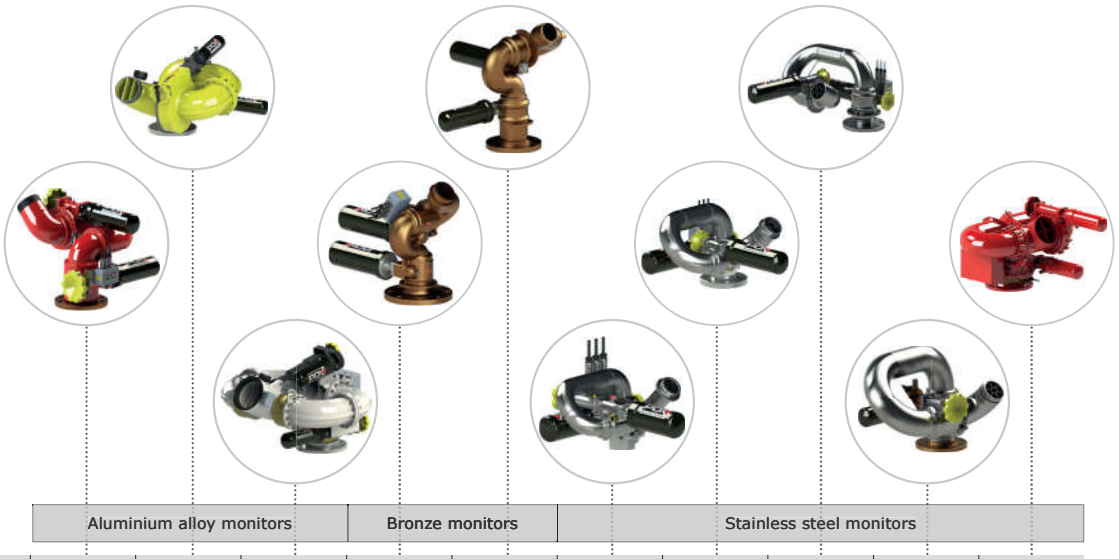
The range of POK motorised monitors is designed to provide dynamic performances when equipped with a diffuser. However, other output configurations are possible on request (example: foam branchpipe, nozzle tip). Do not hesitate to consult our sales department in order to study your needs.



	Aluminium alloy monitors			Bronze monitors		Stainless steel monitors				
	DN100 fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed monitor	DN65 fixed monitor, bronze	DN80 fixed monitor, bronze	DN40 fixed monitor, stainless steel	DN65 fixed monitor, stainless steel	DN80 fixed monitor, stainless steel	DN100 fixed monitor, stainless steel	Monitor fixe DN200, acier inoxydable
Flow rate (lpm)	**7500**	**15000**	**30000**	**2000**	**6000**	**1000**	**3000**	**6000**	**7500**	**20000**
Outlet diameter	**3.5"**	**6"**	**8"**	**2.5"**	**3"**	**1.5"**	**2.5"**	**3"**	**3.5"**	**8"**
Pres. de fonc. (bar)	7	7	7	7	7	7	7	7	7	7
Pres. de fonc. (PSI)										
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)	100	150	200	65	80	40	65	80	100	200
Horizontal movement	on 360°	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 -170° to +170°	from -170° to +170°	de -170° à +170°
Vertical movement	from -90° to +90°	from -90° to +90°	from -10° to +60°	from -37° to +85°	from -55° to +85°	from -90° to +90°	from -90° to +90°	from -90° to +90°	from -90° to +90°	de -45° à +85°
Compatible EasyDrive©										
Speed	9°/s	4,5°/s	9°/s	22°/s	22°/s	12°/s	22°/s	16°/s	9°/s	9°/s
Material	Alu	Alu	Alu	Bronze	Bronze	Bronze	Stainless steel	Stainless steel	Stainless steel	Inox
Hard anodisation	•	•	•							
Polyester coating	•	•	•							•
Open/close valve										
Flush										
Portable										
Fixed	•	•	•	•	•	•	•	•	•	•
Handwheel	•	•	•		•	•	•	•	•	•
Pressure gauge										
Waterproofness										
ATEX design									•	
Radio range in open field										
Battery life										
OPTIONS	I-O-CO	I-O-CO	I-O-CO	I-O-CO	I-O-CO	I-O-CO	I-O-CO	I-O-CO	I-O-CO	R-E-CO
Page	149	150	151	152	153	154	155	156	157	158

Options: **AN -** Long receiving antenna, **PS -** 230 VAC power supply for receiver, **BAT -** extra battery, **PD -** Position display, **I -** Inlet coupling, **O -** Outlet aquipment, **CO -** Control system, **T -** Trolley
(•): Depending on reference

POK EasyDrive©

All our monitors compatible with POK EasyDrive© can be controlled via a wired system "TECHNO" or wirelessly with a radio remote control, corresponding to our systems "MINI" and "FULL". For potentially explosive environments choose our remote control MINI ATEX that provides all the safety required and that can be used with confidence. Our control systems were all developed by combining the most stringent regulatory constraints and our industrial knowledge, so we can guarantee a high level of safety and reliability. Our ATEX system was validated by LCIE, a leading certification body in Europe.

Remote control FULL or MINI
These remote controls offer the advantage of controlling a monitor while keeping the fireman operating it further away from the danger and increasing the overall efficiency (better mobility). The monitor should remain within good sight of the fireman. However one can operate the monitor from up to 500 meters away when using the system FULL.

To work, the monitor needs to be supplied with power, if not equipped with its own battery. A very efficient system for automatic frequency search based on the "Listen Before Talking" principle (LBT) ensures optimum operation of the same radio link in a polluted electromagnetic environment. The transmitter is continuously in bidirectional communication with the receiver. A general emergency stop of the "push / turn" type, redundant and monitored in real time, ensures availability of the latter at any time and allows an immediate halt to any movement in case a potential hazard occurs. Using powerful radio systems available on the market, the remote control operates with a license-free frequency band offered in most countries in the world. If necessary, we can provide specific frequencies (end user requirement).

Remote control TECHNO
The TECHNO remote control allows the control of the monitor through a wired transmitter connected to a control cabinet. Through the use of 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. If the distance between the monitor and the transmitter must exceed several hundred meters, we suggest the use of optical fibers.
All monitors of a network can be controlled from a single point and from a single transmitter. A graphic display of 4.3 inches on the transmitter shows the actual position of the monitor in real time, that is the direction in which the monitor is pointing.

The flexibility of this system allows to add additional features such as:
- Detecting a hot spot
- Learning multiple points of attack of the fire
- Other functions on request

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

The TECHNO remote control system is protected against lightning in accordance with the circular of April 24th 2008. The entire installation is fully customizable by the transmitter thanks to intuitive functions.

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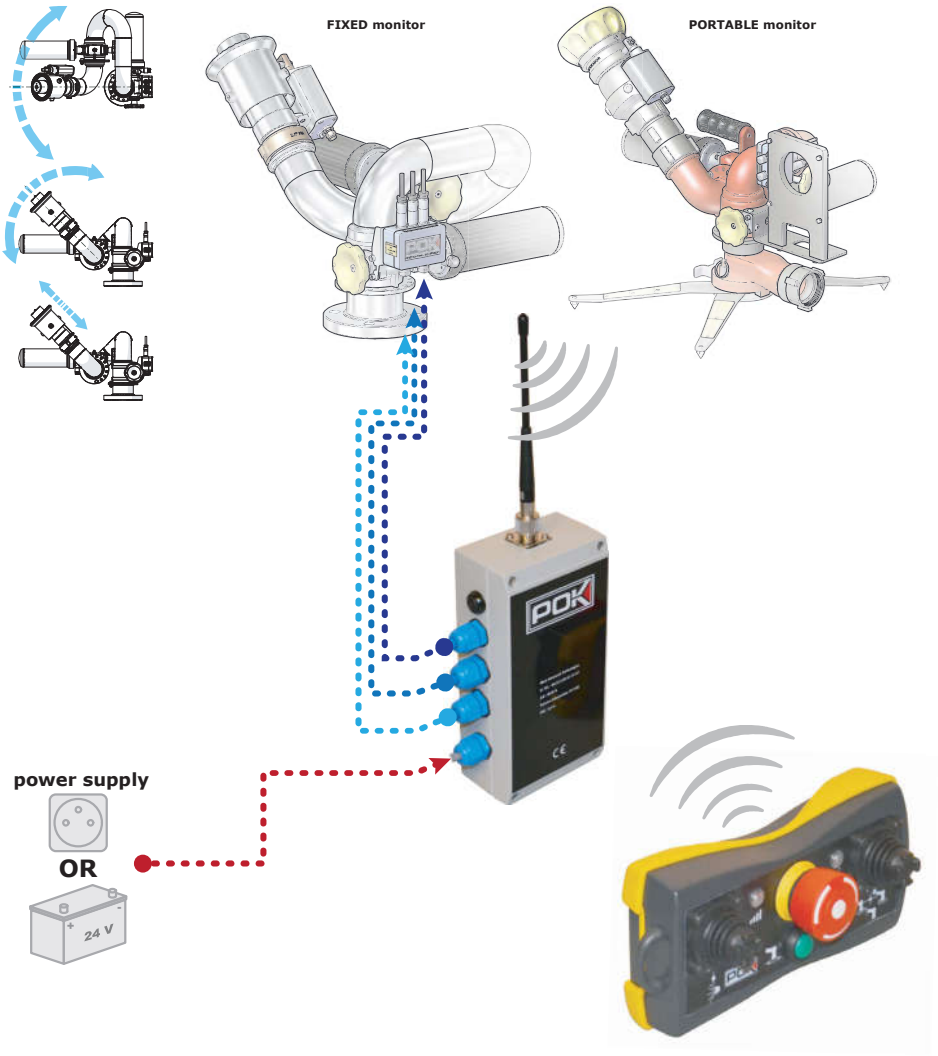
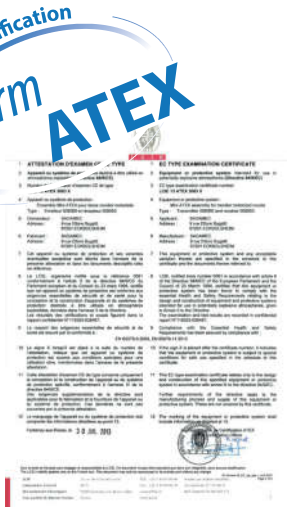
MINI ATEX

The MINI ATEX remote control system operates all the EasyDrive© compatible monitors by hertzian waves. Certified by one of the leading laboratories in Europe, this remote control can be used in IIB group (Ethylene), category 2 (zone 1).
Thanks to its compact operation panel and its low weight (280g), the remote offers high performance and essential safety options for a stable use of the monitor nozzles.
Its strong and original joysticks (contactless) allow flexible control and good precision of the vertical and horizontal travels and the diffuser.
The emergency stop button dual-output and autocontrol allows the user to stop motion immediately in case of danger.
The remote control is possible even in external electromagnetic disturbance owing to automated and original frequencies scan based on the LBT protocole (Listen Before Talking).
A permanent dialogue between the transmitter and the receiver ensures high security level; two bi-color LEDs allow the user to know, at anytime, the state of the communication.
Thanks to control joysticks, the sweeping angle can be adjusted. Instinctively, the user may start the horizontal automatic sweeping by simply pushing the button.
The remote has a battery sufficiency of more than 8 hours in continuous use; battery can be recharged within 3h; the compatibility between both is permanently measured.
Combined with integrated encoding motors, the remote control system removes any mechanical stress thanks to a very sophisticated algorithm of position enslavement.





Housing:
Antistatic ABS, thickness 2.5 mm
Graphite grey colour, yellow O-ring
Dimensions of the transmitter: 155 x 78 x 33 mm
Weight of the transmitter: 280 g with battery
Dimensions of the receiver: 200 x 100 x 60 mm
Weight of the receiver: 880 g

Waterproof protection class: IP66
Operation temperature: -30°C to 70°C

Fitted with:
Hall-effect Joysticks
Single way Push button
Mushroom-head switch for stop-function
Human-machine interface: 2 bicolour LEDs

Technology: Radio with automatic frequency synthesiser (16 frequencies)
Frequency range: 433 - 434 MHZ
Range of radio transmission: 200 m in free-field

Transmitter carrying: with shoulder straps

Power supply of the transmitter:
Internal battery 3.7 V / 800 mAh
Autonomy 8 h
Recharge in less than 5 h with smart charger
Power supply of the receiver:
Battery 24V / 9 Ah
Autonomy of 8 h with horizontal sweeping
Recharge in less than 3 h with smart charger
Connection of the receiver:
IP67 cable glands

Remote-controlled functions:
Elevation (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Emergency stop

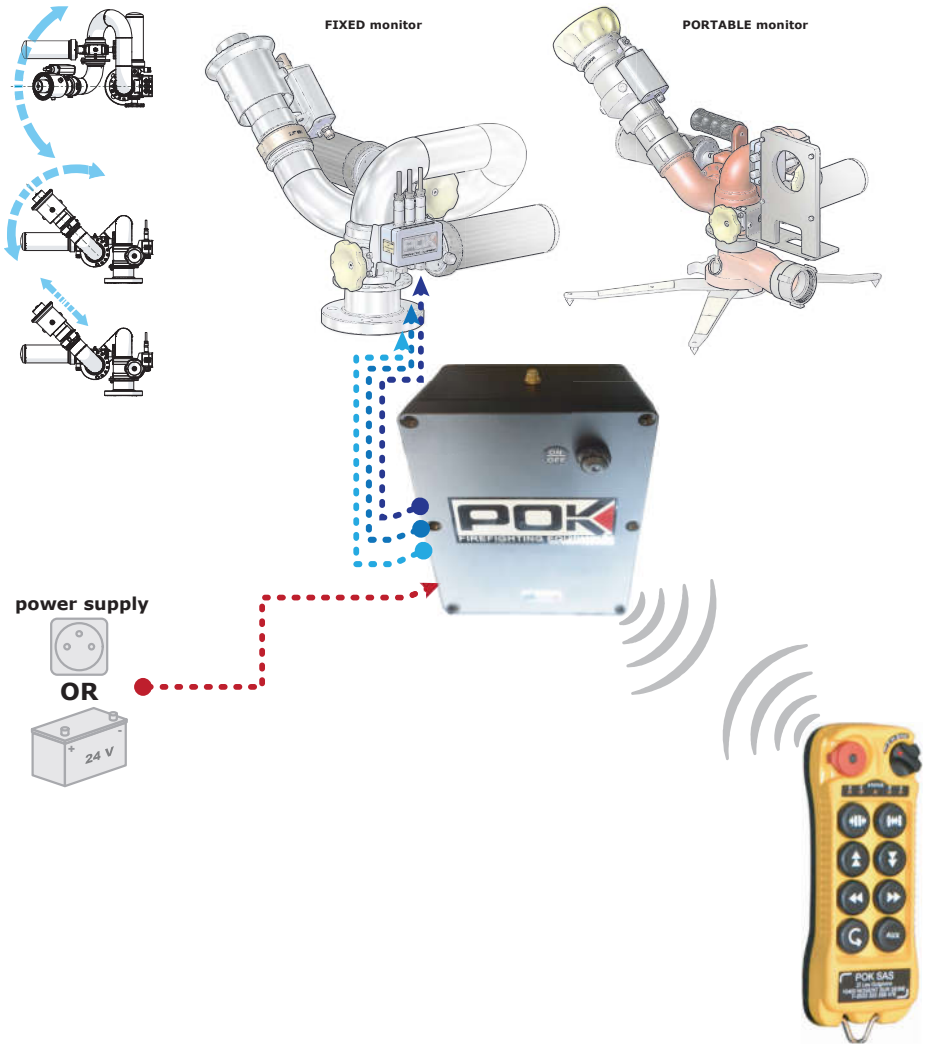
Configurable functions by learning:
Horizontal sweeping angle

Options:
Long antenna for receiver
230 VAC Power supply for the receiver

Description	Ref
Mini atex system control	**38311**

2EASY

The control system 2EASY operates most of the POK monitors EasyDrive by Hertzian waves. Provided with the most compact and light transmitter of the market (228 g), this system offers an intuitive and entirely safe handling.
The transmitter is equipped with single or double way push buttons, thus enabling two speeds of control 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 button with mushroom head allows the operator to stop all movements immediately upon the occurrence of a hazard.
In order to be used only by authorized persons, a service 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 allows continuous operation for up to 20 hours. An automatic standby system even extends this time.
These batteries are recharged using a standard commercial charger.
The operator is informed via a LED display of all the states of the system thus ensuring a completely interactive manipulation (radio link, emergency stop, automatic standby, prohibition of operation, etc.)
In addition, 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 with integrated encoders of the monitor, the control system eliminates all mechanical stresses thanks to a highly sophisticated positional servo algorithm.



Description	Ref
Full system control	**TC009884**

Housing:
Antistatic ABS , thickness 2.5 mm
Graphite grey colour, yellow O-ring
Dimensions of the transmitter:
180 x 70 x 35 mm
Weight of the transmitter: 228 g (without batteries)

Waterproof protection class: IP65
Operation temperature: -30°C to +70°C

Fitted with:
Push buttons
Service key
Emergency stop type "press/turn"

Technology: scan of frequency LBT (Listen Before Talking) 16 frequencies
Frequency range: 868 - 870 MHZ or 433 - 434 MHZ
Range of radio transmission: 150 m in open field

Transmitter carrying: with belt

Power supply:
Batteries type AA - 24V / 60 mAh - Voltage range 20,1 V - 30 V
Autonomy up to 20 h
Recharges in less than 2 h with smart charger

Remote-controlled functions:
Elevation (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Emergency stop

Human-machine interface: 5 two-coloured LEDs display

Options:
Charger 24 V DC
Position display of the monitor
Receiver for monitor
Long antenna for receiver
230 VAC Power supply for the receiver

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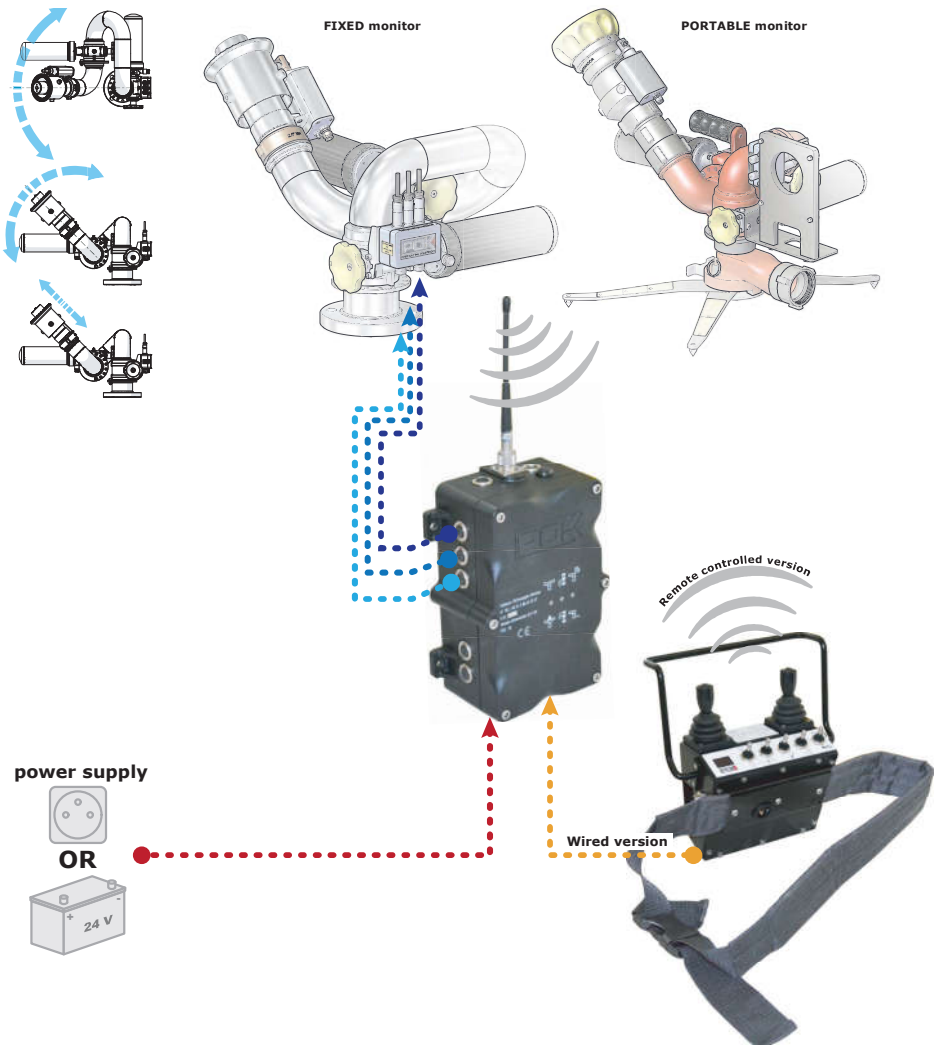
FULL

The FULL remote control system operates all the EasyDrive© compatible monitor by hertzian waves.
Thanks to its ventral compact operation panel and its low weight (less than 2kg), the remote control offers high performance and safety essential for a stable use of the monitor nozzles.
Its strong and original joysticks (contactless) allow flexible control a good precision of the vertical and horizontal travels, diffuser and flow rate control.
You may control the valve and telescopic elevator thanks to added mechanism, ergonomically placed on the operation pannel.
The emergency stop button dual-output and autocontrol allows the user to stop motion immediately in case of danger.
The very original and automated scan of the frequencies, authorises the use of the remote control even in presence of external electromagnetic disturbance.
Strong and compact digital display shows the state of the monitor (battery charge, learning mode, etc) .
The horizontal automated sweeping, can be started by a single push on button and adjusted (modification of the angle) intuitively, thanks to the joysticks of the remote.
Thanks to its high capacity battery, the remote has a battery life of more than 16h of continuous use, the recharge can be done in less than 2 hours.
Combined with integrated encoding motors, the remote control system removes any mechanical stress thanks to a very sophisticated algorithm of position enslavement.



Housing:
Aluminium 5005, thickness 2.5 mm
Colour RAL 9005
Plastic coated
Dimensions of the transmitter: 170 x 85 x 137 mm
Weight of the transmitter: 1.970 Kg with battery
Dimensions of the receiver: 224 x 130 x 87 mm
Weight of the receiver: 1.370 Kg

Waterproof protection class: IP66
Operation temperature: -30°C to 70°C

Fitted with:
Hall-effect Joysticks
3 positions toggle switch, protected with waterproof caps
ON/OFF power switch
Mushroom-head switch for stop-function

Technology: Radio with automatic frequency synthesiser (16 frequencies)
Frequency range: 433 - 434 MHZ
Range of radio transmission: 500 m in free-field

Transmitter carrying: with belt

Power supply of the transmitter:
Pluggable battery in stainless steel box 12 V / 1500 mAh
Autonomy 16 h
Recharge in less than 2 h with smart charger
Power supply of the receiver:
Battery 24V / 9 Ah
Autonomy of 8 h with horizontal sweeping
Recharge in less than 5 h with smart charger
Connection of the receiver:
Pluggable connectors IP67 sealed

Remote-controlled functions:
Elevation (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Blabbermouth (on-off control)
Adjustable flow rate (on-off control)
Telescopic tube (up and down)
Valve (open / close)
Emergency stop
Configurable functions by learning:
Vertical sweeping angle
Attack position of the monitor
Parking position of the monitor
Position display (optional)

Human-machine interface: 2 digits display

Options:
Spare battery for the transmitter
Charger 24 V DC
Position display of the monitor
Wire for transmitter to receiver connection
Long antenna for receiver
230 VAC Power supply of the receiver

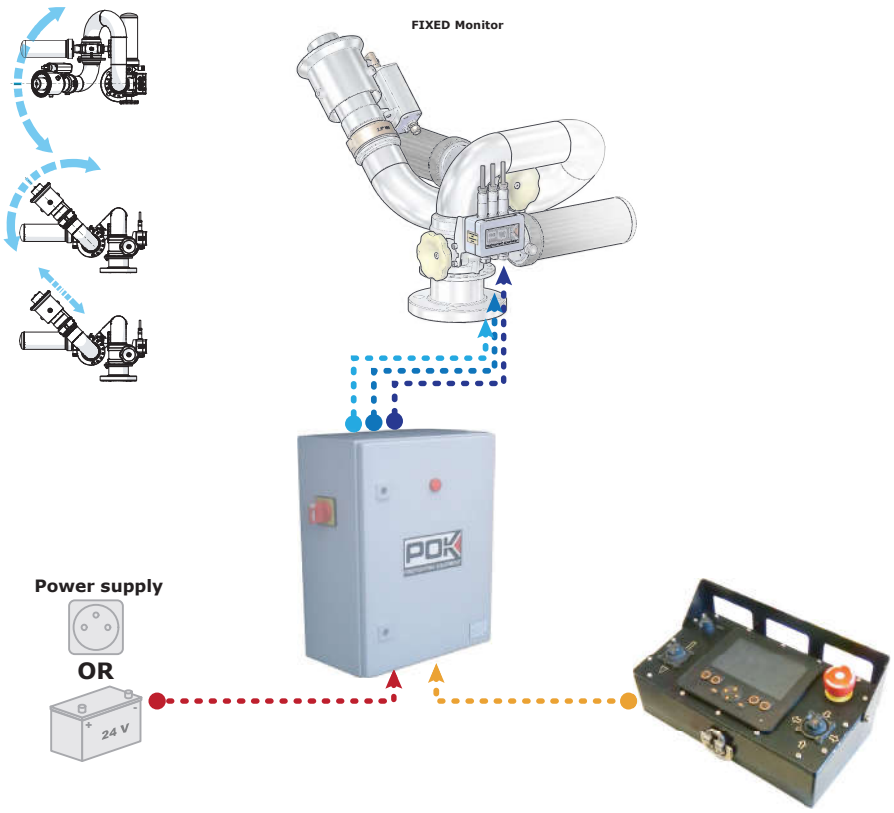
Description	Ref
Full system control	**26646**

TECHNO

The control system TECHNO provides a wired control in which all fixed monitors are compatible with POK EasyDrive©. With major electrical safety functions (disconnecting switch, circuit breaker), the POK_CC control cabinet is equipped with an embedded controller of the last generation, that offers the best performance on the market and ensuring the control of the monitor and communication with the operator. The remote control system is linked with integrated encoders of the monitor, removing mechanical stress thanks to a sophisticated algorithm for the control of the position.
When the application requires it, the POK_CC is equipped with all protections against lightning in accordance with the decree on the prevention of accidental risks within classified facilities for environmental protection from July 19th 2011. 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 to work in full safety. Connecting the wired remote control to POK_CC is done through a CANopen bus cable. If the distance between these two units exceeds a few hundred meters, an optical fiber connection will be used.
An automatic mode enables automatic triggering of the sweeping of the monitor for the emergence of a fire. The compact console of low weight (less than 2 kg) provides to the remote control the performance and security that are essential to ensure undisturbed functionning of the monitors. The solid and original joysticks (without contact) allow flexible control with high precision of vertical and horizontal movements and of the diffuser. Additional options ergonomically placed on the desk allow the control of a valve and the selection of the operating mode (automatic or manual).

An emergency stop button (redundant and self- controlled) allows the operator to immediately stop all movements in case 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 installation (current scan, 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 taught with an intuitive setup menu help to define the new limit positions of the monitor at any time.



Power supply of the POK_CC:
230 VAC - 16 A - 50 Hz
Spare batteries (optional) 24 V - 18 Ah

Connection of the POK_CC:
Pluggable connectors IP67 sealed

Operation modes:
Manual: control of the movements with the remote control
Automatic: automatic sweeping actioned from external data source (hot spot detection)

Remote-controlled functions:
Elevation (proportional control with sweeping option)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Valve (open / close)
Emergency stop

Configurable functions by learning:
Electronic stops
Attack position of the monitor
Parking position of the monitor
Position display (optional)

Description	Ref
Techno V2 wired system control	**TC009277**

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Li-Ion battery charger

Equipped with all safety devices (outlet short-circuit, overvoltage, overcurrent, polarity inversion), this charger allows stable recharge of all the EasyDrive© compatible Li-Ion batteries.
Particularly intelligent, the recharge is done in three steps, pre-charge, slow charge at constant current, and then a recharge at a constant voltage, ensures battery lifetime of more than 1500 cycles; an LED indicator allows to control the state of the recharge in progress.
Equipped with an outlet wire with connector, the charger can be switched directly to the battery. Thanks to its construction, it can be connected to any supply network without any adaptater.

Input voltage: 90-264 VAC - 47-63 Hz
Power consumption: < 2.0 W without charge
Intensity voltage in full load: < 1.8 A
Nominal output voltage: 24 V
Maximal output voltage: 29.2 V +/- 0.25 V
Output intensity: 2 A +/- 0.2 A
Efficiency: > 80%
Ripple: < 1% of the output voltage
Protection: short-circuit, overvoltage, overcurrent, reverse polarity

Dimensions: 142 x 62 x 35 mm
Weight: 520 g

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

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

Connectors: 6 contacts plug BINDER 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

Description	Ref
Li-Ion battery charger	**28188**

Li-Ion 24V/9Ah battery

The POK Li-Ion battery allows a safe power supply (thanks to its last generation security functions) all the monitors compatible with EasyDrive©.
The battery is self-sufficient for eight hours in continuous horizontal sweeping thanks to its 9Ah capacity.
Equipped with a four LEDs charge indicator, the remaining capacity can be easily measured. It can be charged in less than five hours, by means of its smart charger which guarantees about 1500 charge cycles.
Thanks to its pin fixing system, and unplugable connector, the battery can be removed very easily.
A IP66 waterproof device prevents moisture and condensation inside the box that may be caused by temperature variations. The entire battery is IP66 and can be be exposed to water.

Configuration: 8 cells
Chemical elements: LiFePO4 (LFP) Lithium Iron Phosphate
Nominal voltage: 25.6 V
Nominal capacity: 9 Ah
Energy: 230 Wh
Output impedance: ≤ 150 mΩ

Waterproof protection class: IP66

Dimensions: 250 x 154 x 89 mm
Weight: 3 kg

Service life: ≥ 1500 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: 29.2 V
Charging current: 0.2 C
Charging time: 5 to 6 h
Standard discharge condition: 0.2 C
Discharge time: 4.5 to 5h
Cut-off voltage in discharge: 16 V
Cut-off intensity in discharge: 10 A
Temperature when in-charge: 60°C ≥ 97%, 45°C ≥ 97%, 23°C = 100%, 0°C ≥ 65%, -10°C ≥ 50%
Operation temperature: -20°C to 60°C
Storage temperature: -20°C to 50°C

Connectors: 6 contacts female plug BINDER 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

Charge level: indication of the charging level of the battery via 4 LEDs
Push button: allows to see the charging level of the battery when pressed

Description	Ref
Li-Ion 24V / 9Ah battery	**28157**

NiMH battery charger

The POK quick charger is able to charge the NiMH batteries of FULL range transmitters safely in two hours.
This smart charger detects the end of charge and applies a trickle current 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 load (light off).
A green LED indicates that power is ON.
Featuring convection holes, cooling of the charger is done naturally.
A safety timer can cut the load after three hours if a final charge was not previously detected.

Input voltage: 230 VAC - 50 Hz (24 VDC on demand)
Charge characteristics: Constant current - voltage slope detection - trickle charge
Temperature range: 0°C to +40°C
Green led: power ON
Red led: ON: charge in progress - OFF: Full charged

Description	Ref
NiMH battery charger	**TC000995**

NiMH battery

The POK NiMH battery can safely supply the FULL range transmitters thanks to its intrinsic safety functions.
The capacity of this battery is 1500 mAH for a nominal voltage of 12V, ensuring an autonomy of sixteen hours of the transmitter.
The battery can be charged in two 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 1,2V
Technology: Foam positive electrode, Metal-hydride negative electrode
Nominale voltage: 13,6V
Typical capacity: 1500 mAh
Impedance at 1000 Hz: less than 250 mOhms
Dimensions: 76x58x30 mm
Weight :
Cycle life: 500 cycles
Standard charge conditions: C/2
Temperature range in discharge: 0°C to +40°C
Extreme temperature range in discharge: -20°C to +65°C (less than 1 month)
Storage temperature: +5°C to +25°C

Description	Ref
NiMH battery	**TC006022**

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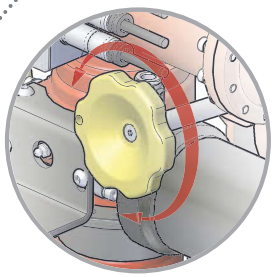
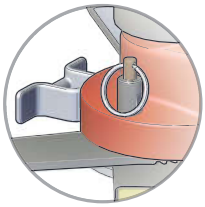
DN65 portable monitor

Compatible POK EasyDrive©

Design According to ATEX Certification pending



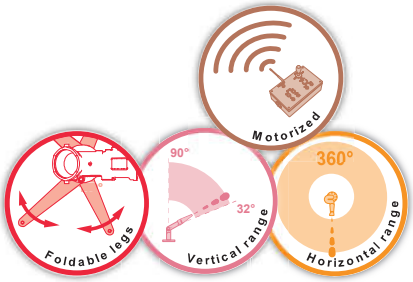
Spare handwheel for vertical and horizontal adjustments

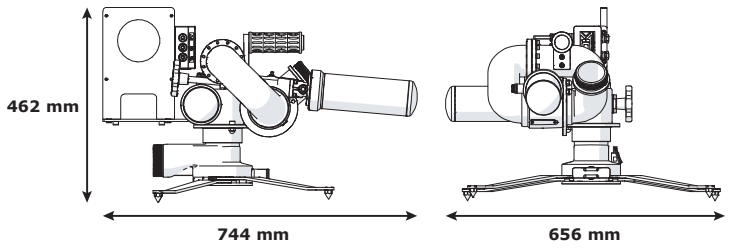


Locking pin of fold away legs and ring for anchorage strap

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 24V CC
Speed: 22°/s
Safety: locking of the legs, anchoring strap
Carrying handle: YES
Foldable legs: YES

Options: coupling, outlet equipment, control system, trolley





Thanks to its carrying handle, this monitor can be easily operated and placed precisely for fire attack.
Equipped with stabilising legs and a mooring strap, it is extremely stable when used at its maximum flow rate. A quick coupling system allows to disconnect it from its base and place it on a fixed position.
Its outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) allows a flow rate up to 2,400 lpm at 7 bar at the monitor's outlet.
As it is PN16, it can support innoportune high pressure due to manipulation mistakes.
Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system, allowing extremely fast moves, precise and progressive.
Its battery is self efficient up to eight hours, and can be recharged in five hours.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2.5'' NST-NH female	2.5'' NST-NH male	65	822 x 466 x 454	32,5	**29369**
2.5'' NST-NH female	2.5'' NST-NH male	65	869 x 543 x 623	27,1	**34705***

*Design according to ATEX

Trolley for portable monitor

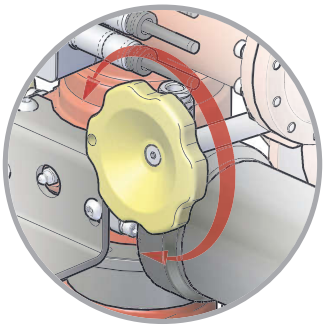
Description	Dimensions (mm)	Weight (kg)	Ref
Trolley	505 x 694 x 1083	14	**29349**

DN65 fixed monitor

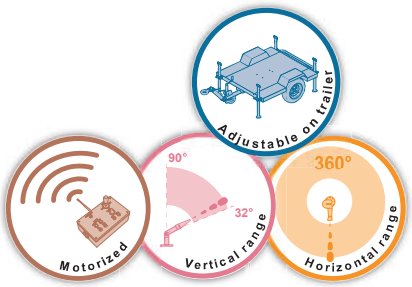
Compatible POK EasyDrive©

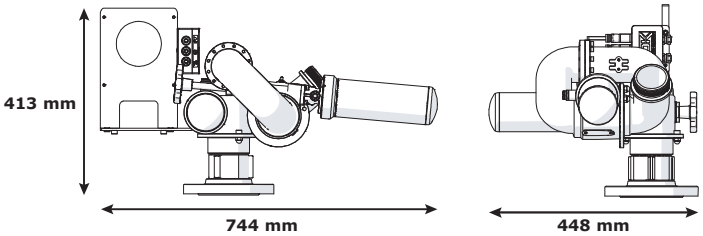
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 24V CC
Speed: 22°/s

Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments





This hybrid monitor offers the performance of a fixed monitor and flexibility of a portable monitor.
Due to its original design, it is essential on installation such as warehouses, vehicles, waste recycling centers, platforms, and so on, when continuous use is necessary and in the hardest environment.
It is available with various inlet flanges.
Several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipes, blabbermouth) allow an outlet flow rate up to 3,000 lpm at 7 bar at the monitor's outlet.
The monitor is PN16 and can support high pressure due to manipulation mistakes.
Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system, allowing extremely fast, precise and progressive moves.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange DN80 PN16	2.5'' NST-NH male	65	744 x 448 x 413	29	**26544**

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Montmirail DC

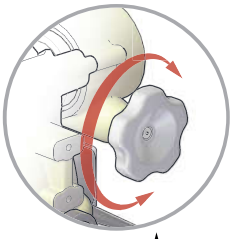
Design
According to ATEX
Certification pending

Patented system
nº 13 60071,
dated February 12, 2016,
ref. FR 3 011 905

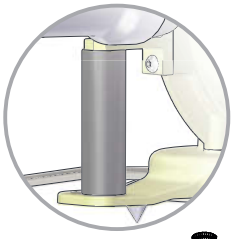
Compatible POK EasyDrive©

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +25° to +85°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 24V CC
Safety: locking of the legs, anchoring strap.
Carrying handle: YES
Foldable legs: YES

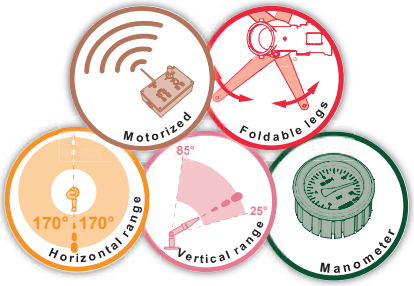
Options: couplings, outlet equipment, control system

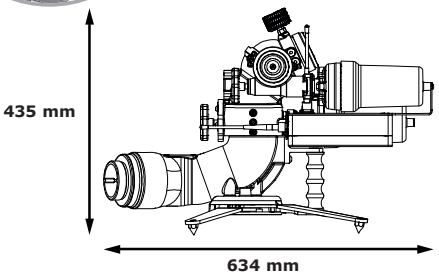


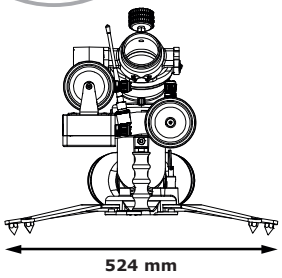
Spare handwheel for vertical and horizontal adjustments



Carrying handle and anchorage fixation







This monitor "Montmirail" DC, entirely made of aluminium alloy, is the result of the latest developped generation of our R&D department.
With its low weight (less than 16kg), this monitor is the lightest on the market.
The user may easily transport the monitor thanks to its carrying handle and its compact volume.
Four stabilising legs with spring loaded spikes for soft ground, and a mooring strap, ensure good stability for operating at the maximum flow rate.
Combined with several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe) this monitor nozzle allows a flow rate up to 4,000 lpm at 7 bar at the monitor's outlet.
Moreover, the monitor and all accessories are all PN16, so it can support innoportune high pressure due to manipulation mistakes.
Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system in the market, allowing extremely fast, precise and progressive movements.
The remote control allows to adjust the horizontal position from -170º to 170º and the elevation from 25º to 85º. Several outlet equipment work with the maximum flow rate of 4,000 lpm at 7 bar at the monitor outlet.
Emergency wheels (horizontal and vertical travel) allow the monitor to operate even without electrical supply.
You may define the angle of vertical and horizontal travel by means of mechanical stops.

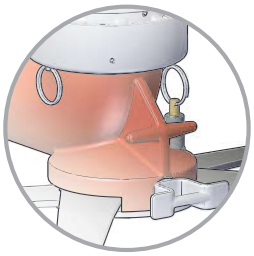
Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
2x Storz B/75	2.5'' NST-NH male	80	656 x 274 x 435	15,8	**34035**

Dicodoplus - DN80 portable monitor

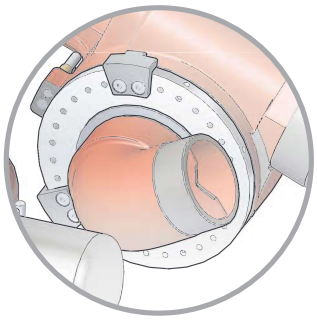
Compatible POK EasyDrive©

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168 to +168°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 11°/s
Power supply: 24V CC
Safety: locking of the legs, anchoring strap.
Carrying handle: YES
Foldable legs: YES

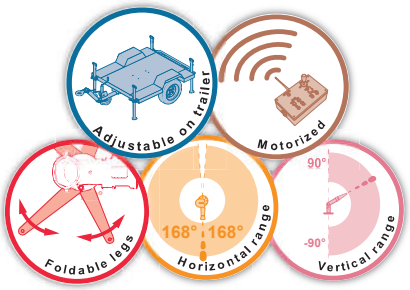
Options: couplings, outlet equipment, control system, trolley

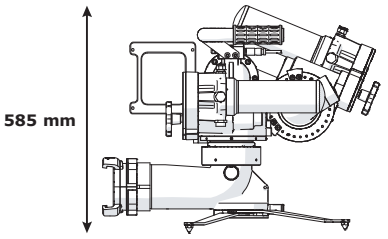


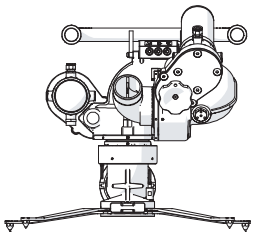
Locking pin of fold away legs and ring for anchorage strap



Stops to adjust vertical and horizontal range







Thanks to its compact size and carrying handles, this monitor can be easily manipulated and placed accurately for a fire attack.
Equipped with stabilising legs and a mooring strap, it is extremely stable when used at its maximum flow rate.
Its original design enables a vertical range of +/-90° and makes it essential in many applications.
Its outlet accessories, allow a maximum flow rate of 5,000 lpm at 7 bar at the monitor's outlet.
As it is PN16, it can support innoportune high pressure 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 moves, precise and progressive.
Its battery allows a battery life up to eight hours, and can be recharged in less than five hours.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
AR DN100	2.5'' NST-NH male	80	650 x 520 x 560	58,5	**28770**

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DN80 portable monitor - upper section only

The DN80 portable monitor is adapted to receive a quick coupling. So the upper section can be easily disassemble to be fixed on a flange or a vehicle.
It can be equipped with various outlets: diffusers, water or foam branchpipes...

Description	Outlet	Weight (kg)	Ref
Upper section only	3.5'' NST-NH male	39,4	**29403**

Dicodoplus DN80 portable monitor - mount only (lower section)

The lower section is assembled with a quick coupling to receive the DN80 portable monitor. The monitor can be easily mounted on a truck or be used as a portable monitor.

Description	Weight (kg)	Ref
Mount only (lower section)	8,4	**10847**

Electric telescopic tube for monitor

Our quick coupling system allows to adapt the DN80 portable monitor on a electrical telescopic tube.

Inlet	Outlet	Elévation (mm)	Dimensions (mm)	Weight (kg)	Ref
3'' BSP male	Flange 2.5" ASA150	300	215 x 213 x 878	34,4	**21151**

Quick coupling DN80 on flange

Description	Weight (kg)	Ref
Quick coupling on flange 3'' ASA150	3,58	**08291**
Quick coupling on flange 4'' ASA150	4,00	**22011**

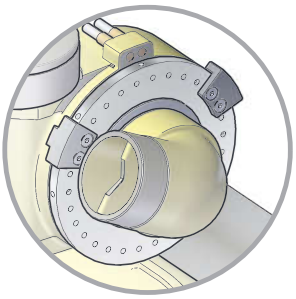
Trolley for portable monitor

Description	Dimensions (mm)	Weight (kg)	Ref
Trolley	505 x 694 x 1083	13	**35558**

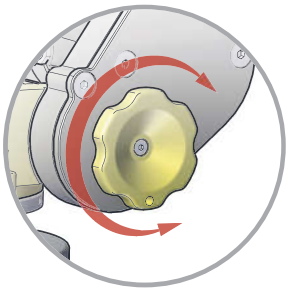
Florence - DN80 monitor

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

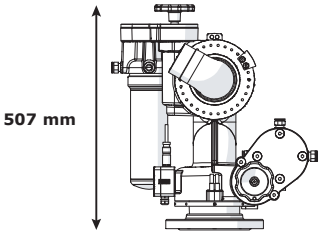
Options: inlet flange, outlet equipment, control system, feedback with potentiometers

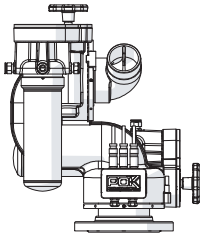


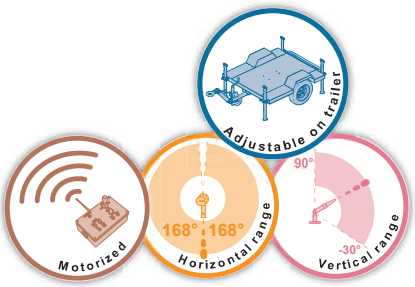
Stops to adjust vertical and horizontal range



Spare handwheel for vertical and horizontal adjustments







Due to its original construction (only one foundry), this monitor nozzle is the simplest and the most compact of 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 angle moves (336° horizontal, and 210° vertical), it can be placed in any position, to attack extremely precise points of a fire.
Associated to several accessories, it allows a flow rate up to 5000 lpm at 7 bar at the monitor's outlet.
As it is PN16, it can support innoportune high pressure due to manipulation mistakes.
Completely electrified (POK EasyDrive© Compatible) and equipped with high performance motors, it can be controlled by the most efficient radio or wire remote controlled system of the market, allowing extremely fast, precise and progressive moves.

Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref
Flange DN100 PN16	2.5'' NST-NH male	80		464 x 433 x 507	34	**29225**
Flange DN100 PN16	2.5'' NST-NH male	80	•	464 x 433 x 507	34	**35328**

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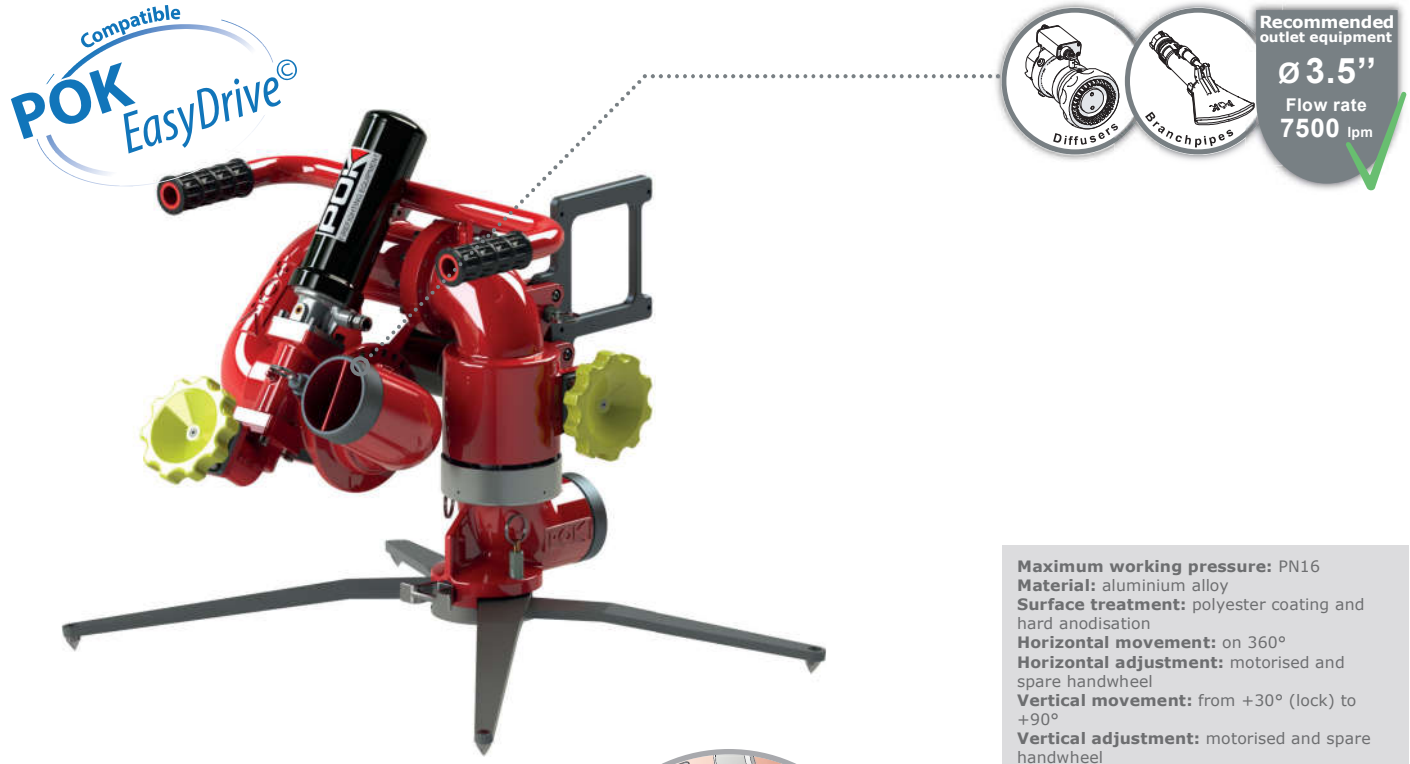
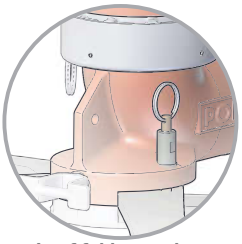
DN100 portable monitor

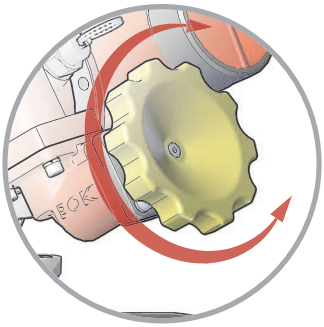


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from +30° (lock) to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 24V CC
Safety: vertical adjustment lockable at 30° by pin, locking of the legs, anchoring strap.
Carrying handle: YES
Foldable legs: YES

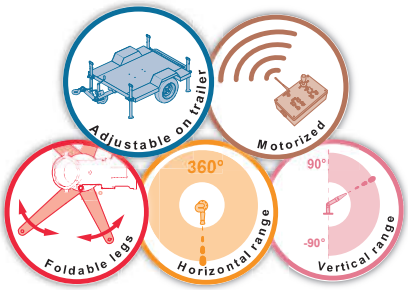
Options: couplings, outlet equipment, control system, trolley

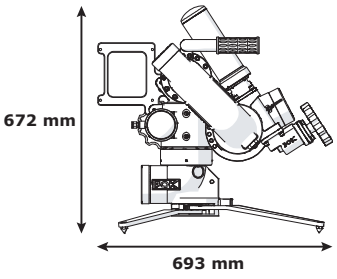


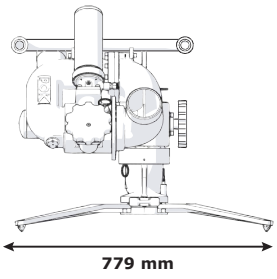
Locking pin of fold away legs and ring for anchorage strap



Spare handwheel for vertical and horizontal adjustments







Thanks to its carrying handles, this monitor can be easily manipulated and placed precisely for a fire attack.
Equipped with stabilising legs and a mooring 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 on a fixed position.
Its outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) allows a flow rate up to 7,500 lpm at 7 bar at the monitor's outlet.
As it is PN16, it can support inconvenient high pressure 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.
Its battery is self-efficient up to eight hours, and can be recharged in less than five hours.

Inlet	Outlet	Waterway Ø (mm)	Folded dimensions (mm)	Weight (kg)	Ref
AR DN100	3.5'' NST-NH male	100	906 x 542 x 672	46,8	**21653**

DN100 portable monitor - upper section only

The DN100 portable monitor is adapted to receive a quick coupling. So the upper section can be easily disassemble to be fixed on a flange or a vehicle.
It can be equipped with various outlets: diffusers, water branchpipes, foam branchpipes...

Description	Outlet	Weight (kg)	Ref
Upper section only	3.5'' NST-NH male	39,4	**29403**

Extension for DN100 monitor

Description	Weight (kg)	Ref
Extension - length 500 mm	3,3	**22205**

Quick coupling DN100 on flange

Description	Weight (kg)	Ref
Quick coupling on flange 4'' ASA150	4,0	**22011**

Trolley for portable monitor

Description	Dimensions (mm)	Weight (kg)	Ref
Trolley	505 x 694 x 1083	13	**35558**

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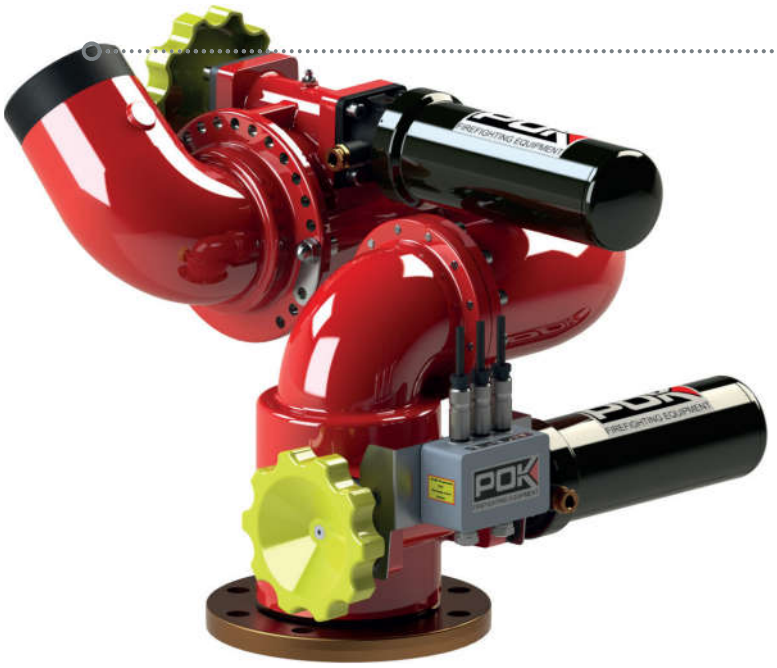
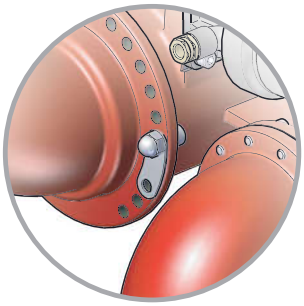
DN100 fixed monitor

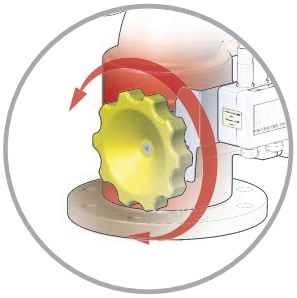


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: on 360°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 24V CC

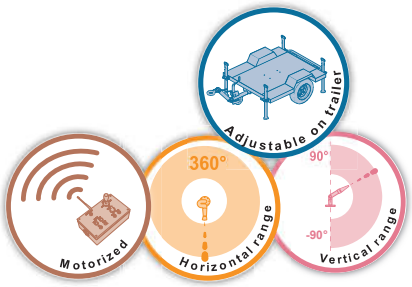
Options: flange, outlet equipment, control system

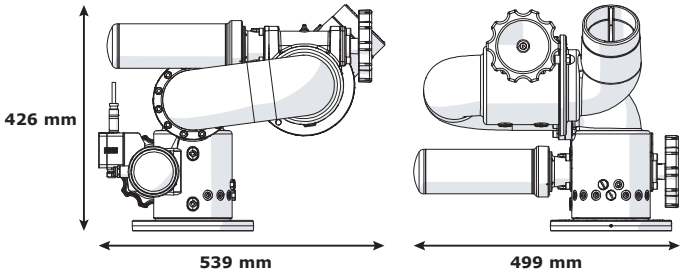


Stops to adjust vertical and horizontal range



Spare handwheel for vertical and horizontal adjustments





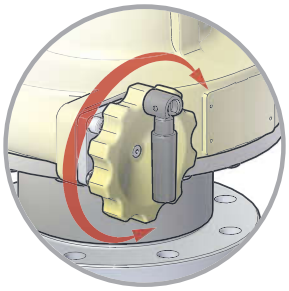
Its original design makes it essential on installation such as warehouses, vehicles, waste recycling center, platform and so on, when a continuous use is necessary and in the hardest environments.
It is available with various inlet flanges.
Several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipes, blabbermouth) allows a flow rate up to 7,500 lpm at 7 bar at the monitor's outlet.
As it is PN16, it can support innoportune high pressure 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	3.5'' NST-NH male	100	539 x 499 x 426	50,8	**18342**
Flange DN100 PN16	3.5'' NST-NH male	100	539 x 499 x 426	50,3	**15996**

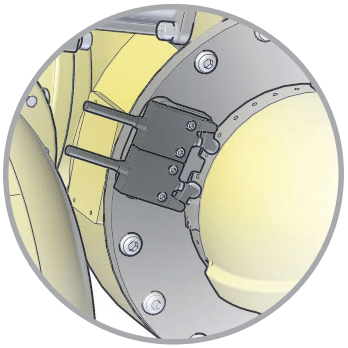
Dicodoplus - DN150 fixed monitor

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -165 to +165°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 4,5°/s
Power supply: 24V CC

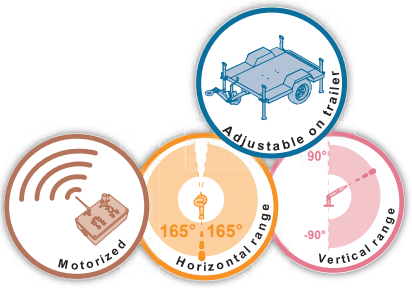
Options: flange, outlet equipment, control system

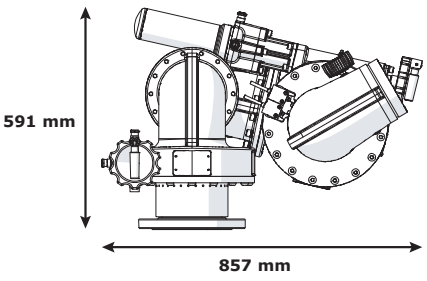


Spare handwheel for vertical and horizontal adjustments



Stops to adjust vertical and horizontal range





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 fields of action. Many outlets can be mounted on this monitor (diffusers, self-educing branchpipes, water branchpipes, foam branchpipes, powder foam branchpipe, blabbermouth). The Dicodoplus DN150 allows a flow rate of up to 15,000 lpm at 7 bar.
The monitor is PN16 and withstands excessive pressure changes that may occur due to handling errors. It is fully electric (compatible with POK EasyDrive ©) and equipped with high performance motors. The monitor can be operated by the most powerful radio control or wired systems available on the market, allowing rapid, stepless and smooth movements. Electrical end of travel stops are used to define the limits of the movements in elevation and horizontal directions, eliminating the constraints of mechanical stops.

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

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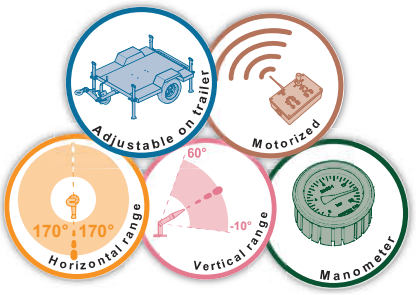
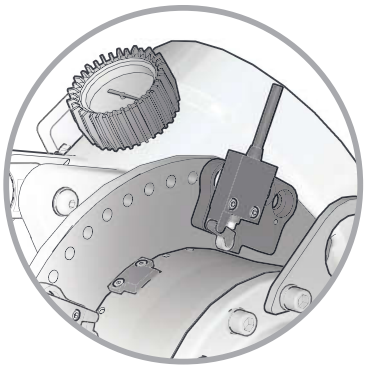
DN200 fixed monitor

High flow rate
Up to 30 000 liters per minute

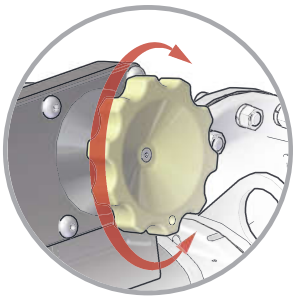
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -10° to +60°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 24V CC

Options: flange, outlet equipment

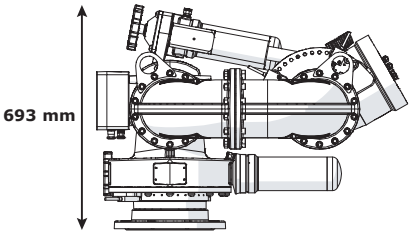


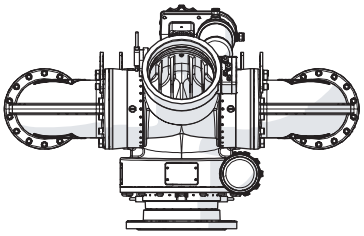


Stops to adjust vertical and horizontal range



Spare handwheel for vertical and horizontal adjustments





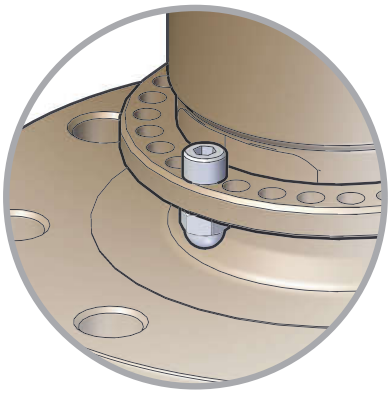
The range of motorised monitors 24 volts in aluminium alloy DN200-8" includes all the necessary characteristics to extinguish the most devastating fires.
The horizontal and vertical movements are possible through two powerful electric motors backed up by two safety handwheels.
Horizontal adjustment over 340° - Elevation adjustment over -10° to +60°.
Maximum admissible flow rate: up to 30,000 lpm.
Inlet flange 8" ASA150. This monitor is equipped with a water foam branchpipe of selectable flow rate of 9,000 and 18,000 lpm.
A larger diffuser of 20,000 lpm with selectable stream patterns can also be mounted on this monitor.

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

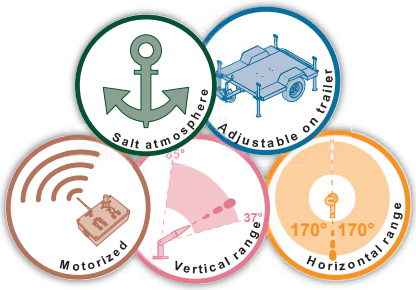
DN65 fixed monitor, in bronze

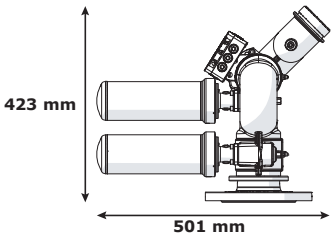
Maximum working pressure: PN16
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare screw
Vertical movement: from -37° to +85°
Vertical adjustment: motorised and spare screw
Power supply: 24V CC
Speed: 22°/s

Options: flange, outlet equipment, control system



Stops to adjust vertical and horizontal range





This compact monitor offers a wide horizontal rotation angle in a small volume.
Its original design has made this monitor an essential tool for firefighting in the hardest marine or port environments.
Associated to several outlets accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) this monitor allows a flow rate up to 2,000 lpm at 7 bar at the monitor's outlet.
Moreover, the monitor nozzle and all accessories are all PN16, so it can support inconvenient high pressure 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 3'' ASA150	2.5'' NST-NH male	65	501 x 320 x 423	28,6	**29373**
Flange 4'' ASA150	2.5'' NST-NH male	65	501 x 320 x 423	30,4	**29374**

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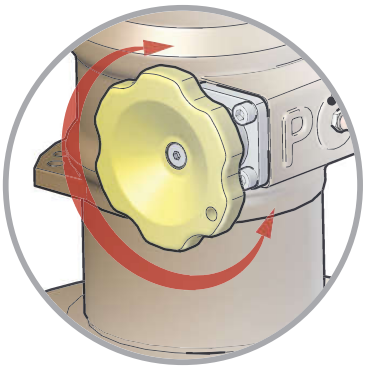
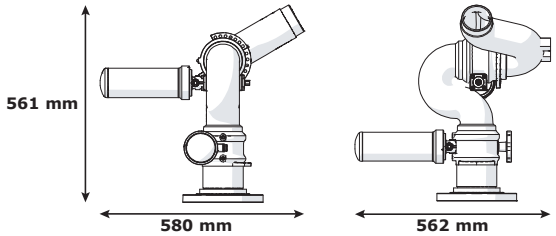
DN80 fixed monitor, in bronze

Maximum working pressure: PN16
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -55° to +85°
Vertical adjustment: motorised and spare handwheel
Power supply: 24V CC
Speed: 22°/s

Options: flange, outlet equipment, control system



Spare handwheel for horizontal adjustment (can be adapted for vertical adjustment)



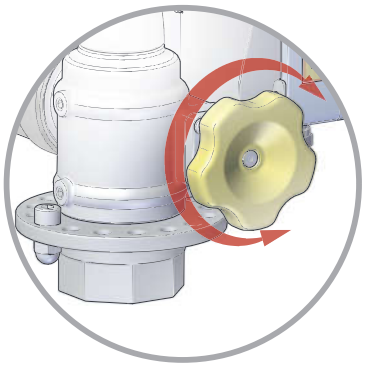
This compact monitor offers a wide horizontal rotation angle in a small volume.
Its original design has made this monitor an essential tool for firefighting in the hardest marine or port environments.
Associated to several outlets accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, blabbermouth) this monitor allows a flow rate up to 6,000 lpm at 7 bar at the monitor's outlet.
Moreover, the monitor nozzle and all accessories are all PN16, so it can support inconvenient high pressure 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'' BSP male	80	580 x 562 x 561		**37296**

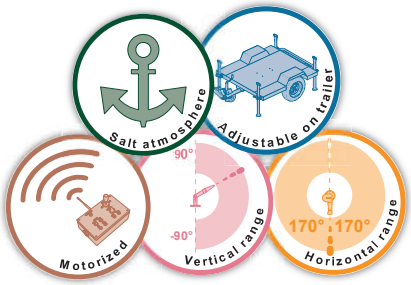
DN40 fixed monitor, in stainless steel

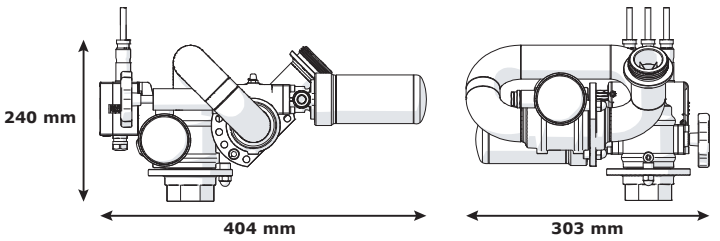
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170 to 170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 24V CC
Speed: 12°/s

Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments





This very compact monitor has been developed to resist to the hardest environment.
Its low weight and compact size are undeniable advantages to the mounting on fire fighting vehicle, or on any type of installation where available place is small.
This monitor is available with various inlet flange, and also a multiclaws quick coupling.
This monitor can be equipped with diffuser, water branchpipe, water-foam branchipe, allowing an outlet flow rate up to 1,000 lpm at 7 bar at the monitor's outlet.
Moreover it is PN16, and can support innoportune high pressure 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
1.5'' NPT female	1.5'' NST-NH male	40	404 x 303 x 203	11	**29367**
Flange DN40 PN16	1.5'' NST-NH male	40	404 x 303 x 240	11,6	**29368**

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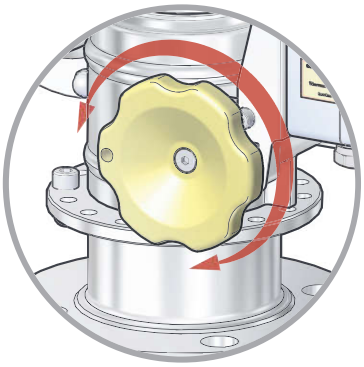
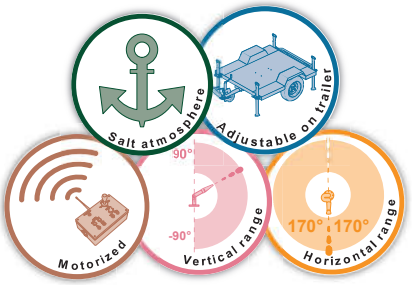
DN65 fixed monitor, in stainless steel

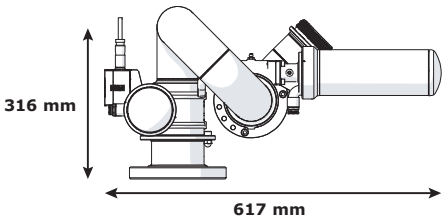
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170 to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 24V CC
Speed: 22°/s

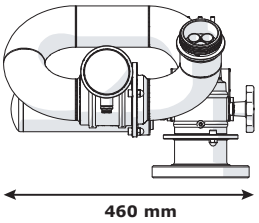
Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments







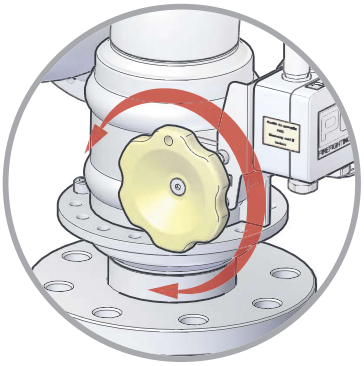
This multi purpose monitor is extremely compact and resists to the hardest environment.
The combination of innovation and versatility makes this monitor an excellent choice for installations such as in warehouses, on vehicles, in waste recycling centers, on platforms, and so on, when a continuous use is necessary.
With its exceptional deflection angles, it can be activated in almost any position.
It is available with various inlet flanges and several outlet accessories (diffuser, self-educing diffuser, water branchpipe, water-foam branchpipe, powder-foam branchpipe) allowing a maximum flow rate up to 3,000 lpm at 7 bar at the monitor's outlet.
It is PN16, and can support innoportune high pressure 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 2.5'' ASA150	2.5'' NST-NH male	65	617 x 460 x 316	28	**29372**

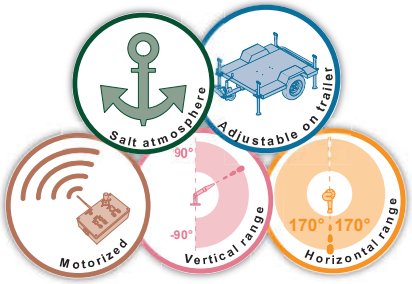
DN80 fixed monitor, in stainless steel

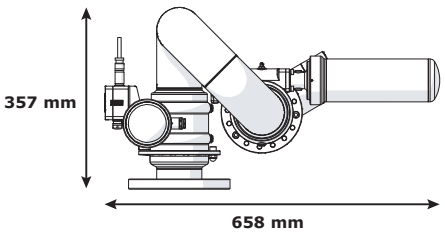
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170 to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Power supply: 24V CC
Speed: 16°/s

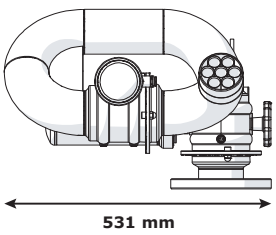
Options: flange, outlet equipment, control system



Spare handwheel for vertical and horizontal adjustments







This multi-purpose monitor, entirely made of stainless steel, has been developed to resist the hardest environments.
The combination of innovation and versatility, has made this nozzle an excellent choice for fire fighting.
With its exceptional angle moves (340° horizontal, and 180° vertical), this monitor can be controlled in almost any position.
Associated to several outlet accessories, flow rate can go up to 6,000 lpm at 7 bar with reduced pressure loss.
It is PN16, and can support inconvenient high pressure 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'' BSP male	80	658 x 531 x 357	34	**20696**

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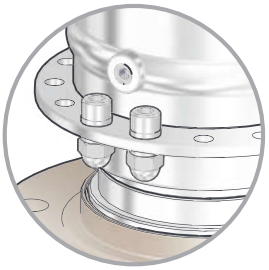
DN100 fixed monitor, in stainless steel

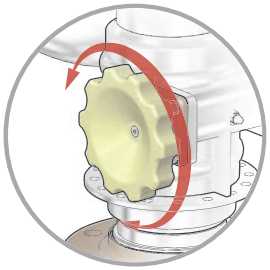
Design According to ATEX

Maximum working pressure: PN16
Material: stainless steel et bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 24V CC

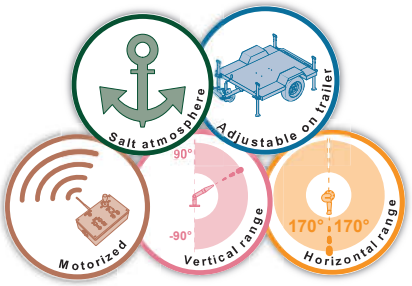
Options: outlet equipment, control system

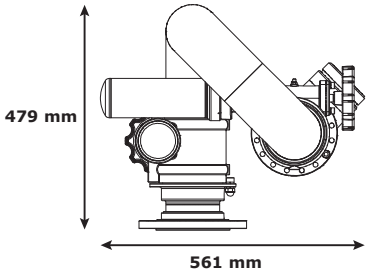


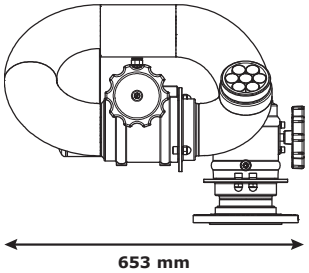
Stops to adjust horizontal and vertical range



Spare handwheel for vertical and horizontal adjustments



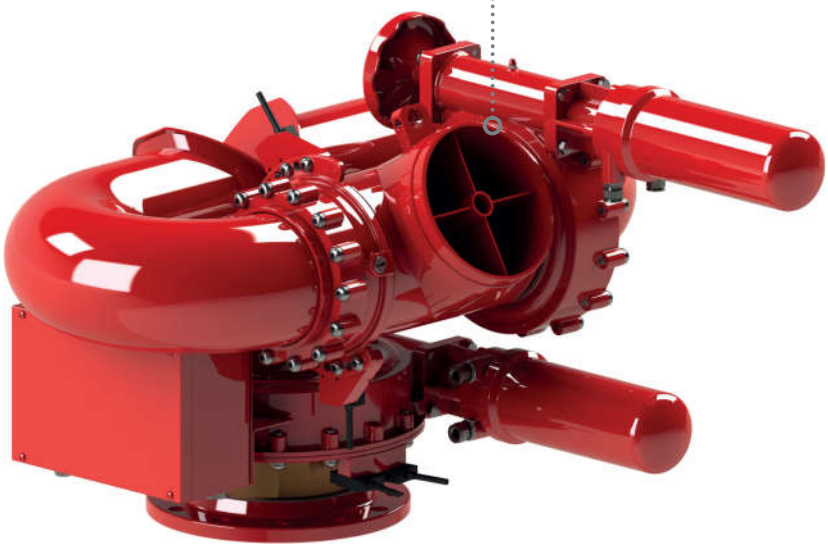


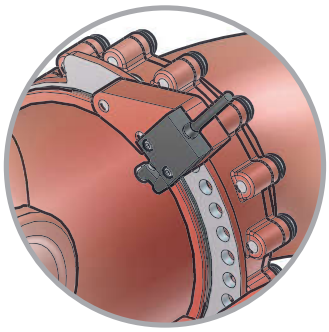


Our DN100 motorised monitor in stainless steel is designed following ATEX rules (anti-explosive). The horizontal and vertical movements are possible through two powerful electric motors backed up by two safety handwheels.
Vertical adjustments from 90º to -90º and elevation adjustments are possible over 340º (by steps of 25º).
The pipe of this monitor includes an inside stream steper made of seven elements which enables to get a higher range and a better quality of the stream pattern.

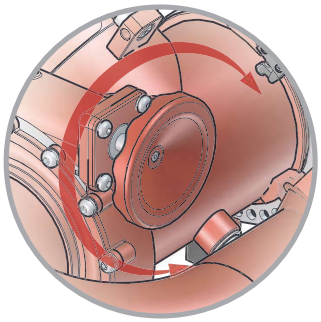
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 4'' ASA150	3.5'' NST-NH male	100	561 x 653 x 479	57	**30527**

8" fixed monitor, in stainless steel





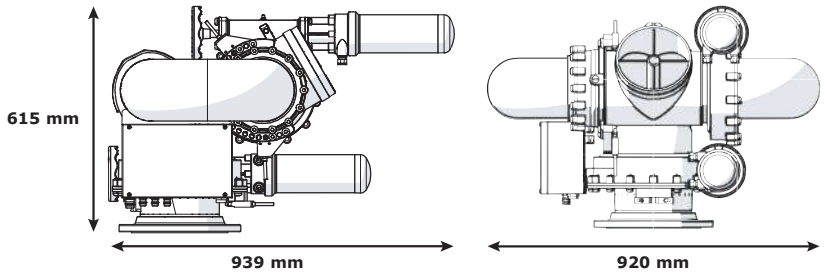
Stops to adjust horizontal and vertical range



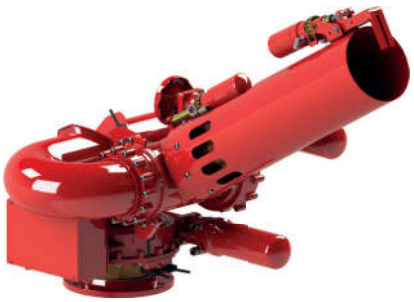
Spare handwheel for vertical and horizontal adjustments

Maximum working pressure: PN16
Material: stainless steel et bronze
Surface treatment: polyester coating
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and spare handwheel
Vertical movement: from -45° to +85°
Vertical adjustment: motorised and spare handwheel
Speed: 9°/s
Power supply: 24V CC

Options: outlet equipment, control system



This motorised monitor 12 or 24 volts in stainless steel 8" 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 safety handwheels.
Horizontal adjustment over 340° - Elevation adjustment over -45° to +85°.
Maximum admissible flow rate: up to 20,000 lpm.
Inlet flange 8" ASA150. This monitor is equipped with a water foam branchpipe of selectable flow rate of 5,000 and 20,000 lpm.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
Flange 8" ASA150	8'' BSP female	8"	939 x 920 x 615	156	**37647**

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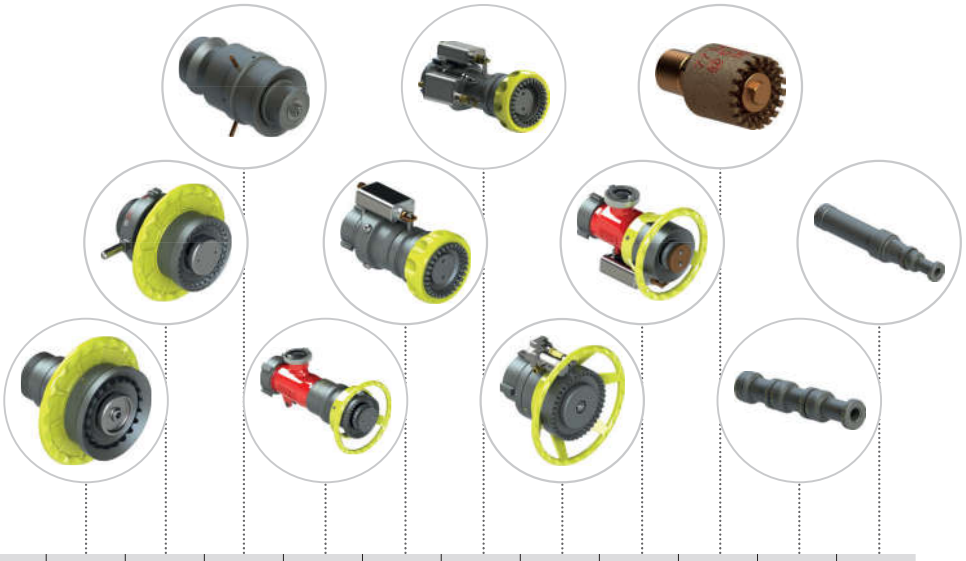
Outlet equipment

Our nozzles, monitors, foam equipments, dividers can be equipped with all types of couplings existing all over the world and manufactured by POK using the the best materials.



	Fixed flow rates diffusers and selectable stream pattern	Diffuser with selectable flow rate and selectable stream pattern	Diffuser with automatically regulated pressure	Self-educing diffuser	Fixed flow rates diffusers and selectable stream pattern, motorised	Diffuser with selectable flow rate and selectable stream pattern, motorised	Diffuser with automatically regulated pressure, motorised	Self-educing diffuser, motorised	Discharge head nozzles	Stackes tips and "gigogne" tips and stream shapers	Water branchpipes
Flow rate (lpm)	**from 150 to 6000**	**from 150 to 6000**	**from 150 to 15000**	**from 2000 to 7500**	**from 1500 to 2500**	**from 3000 to 5000**	**from 1000 to 20000**	**from 2000 to 4000**	**from 20 to 240**		**from 1000 to 2100**
Inlet diameter	**from 1'' to 3''**	**from 1'' to 4''**	**from 1'' to 6''**	**from 1'' to 3.5''**	**from 2.5'' to 3.5''**	**2.5''**	**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)	6-7	6-7	6-7	7	7	7	7	6-10	6		7
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)										from Ø12 to Ø50	from Ø25 to Ø35
Motorized					•	•	•	•			
Automatic pressure			•				•				
Adjustable flow rate		•				•					
Adjustable stream pattern	•	•	•	•	•	•	•	•	(•)		
Stream pattern	0 30° 110-130°	0 30° 110-130°	0 30° 110-130°	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 Inox	Alu Stainless steel Bronze	Alu Stainless steel Bronze	Alu Stainless steel Bronze	Alu	Alu Stainless steel Bronze	Alu Stainless steel Bronze	Alu Bronze	Alu	Alu Stainless steel
Hard anodisation	•	•	•	•	•	•	•		•	•	•
Polyester coated								•			
Expansion				x10				x5 x10			
Polyurethane teeth	(•)	(•)	(•)								
Cut teeth	(•)	(•)	(•)	•	•	•	•	•	•		
Spinning teeth	(•)	(•)	(•)								
Smooth head	(•)	(•)	(•)	•			•	•	•		
Pressure gauge											
OPTIONS	LE - MF	LE - MF	LE - MF		LE - MF	LE - MF	LE - MF				
Bumper color					●	●					
Page	162-163	164-165	166-168	169	170	171	172	173	174	175-176	177

Options: **LE -** Low expansion foam attachment, **ME -** Medium expansion foam attachment, **B -** Blabbermouth
(•): Depending on reference

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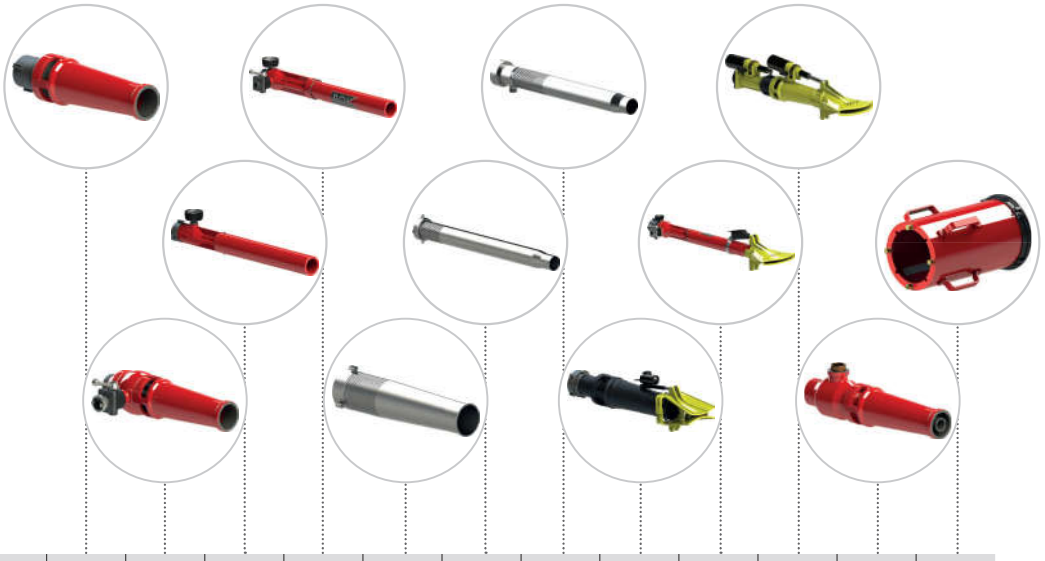


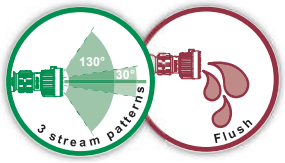
	"POWER FOAM"	Self educing "POWER FOAM"	Water-foam branchpipe	Self educing water-foam branchpipe	"POWER FOAM" in stainless steel	Water-foam branchpipe in stainless steel	Self educing water-foam branchpipe in stainless steel	"POWER FOAM", motorised	Water-foam branchpipe, motorised	Selectable flow rate water-foam branchpipes, motorised	Powder foam branchpipes	Foam attachment for diffusers
Flow rate (lpm)	**from 1000 to 8000**	**from 2000 to 4000**	**from 1000 to 5000**	**from 1000 to 5000**	**from 500 to 11000**	**from 500 to 9000**	**from 500 to 19000**	**from 4000 to 15000**	**from 4000 to 20000**	**from 2000 to 20000**	**from 1200 to 8000**	**from 3000 to 5000**
Inlet diameter	**from 1.5" to 3.5"**	**from 2.5" to 3.5"**	**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"**	**from 3.5"to 6"**	**from 2.5" to 8"**	**from 3.5"to 8"**	**from 2.5" to 3.5"**	
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	
Waterway Ø (mm)												
Motorized								•	•	•		
Automatic pressure												
Adjustable flow rate										•		
Adjustable stream pattern	(•)	(•)	(•)	(•)	(•)	(•)	(•)	•	•	•		
Stream pattern	0°	0°	0°	0°	0°	0°	0°	0° or flat	0° or flat	0° or flat	0°	0°
Material	Alu	Alu	Alu	Alu	Stainless steel	Stainless steel	Stainless steel	Alu	Alu	Alu Inox	Alu	Alu
Hard anodisation											•	
Polyester coated	•	•	•	•				•	•	•	•	•
Expansion	x10	x10	x10	x10	x10	x10	x10	x10	x10	x10		x10 or x25
Polyurethane teeth												
Cut teeth												•
Spinning teeth												
Smooth head												
Pressure gauge			•	•								
OPTIONS	B	B	B	B	B	B	B					
Bumper color												
Page	178-179	178-179	180	180-181	182	182	182-183	184-185	185	186-187	188	189

Options: **LE -** Low expansion foam attachment, **ME -** Medium expansion foam attachment, **B -** Blabbermouth
(•): Depending on reference

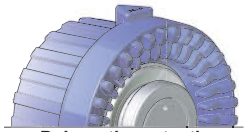
Our range of fixed flow rate diffusers from 150 to 1,000 lpm have selectable flow pattern by rotation of the head ring (straight stream, attack spray, wide angle spray). There are three possibilities of nozzle outlet: Pokinor (with polyurethane teeth), Pokatak (cut teeth), Pokador (Spinning teeth).

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

Bumper guard colors:

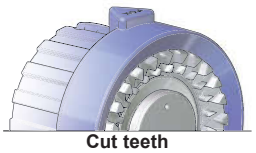


Pokinor


Polyurethane teeth

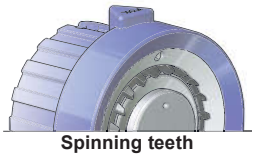
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	150	6	125 x 78 x 80	0,64	**18575**
1.5'' NST-NH female	200	6	167 x 93 x 98	1,16	**18576**
1.5'' NST-NH female	300	6	167 x 93 x 98	1,16	**18577**
1.5'' NST-NH female	400	6	167 x 93 x 98	1,16	**18578**
1.5'' NST-NH female	500	6	167 x 93 x 98	1,16	**18579**

Pokatak


Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	150	6	125 x 78 x 80	0,64	**18570**
1.5'' NST-NH female	200	6	167 x 93 x 98	1,16	**18571**
1.5'' NST-NH female	300	6	167 x 93 x 98	1,16	**18572**
1.5'' NST-NH female	400	6	167 x 93 x 98	1,16	**18573**
1.5'' NST-NH female	500	6	167 x 93 x 98	1,16	**18574**
1.5'' NST-NH female	660	6	167 x 93 x 98	1,72	**18590**
1.5'' NST-NH female	750	6	167 x 93 x 98	1,72	**18591**
2.5'' NST-NH female	950	6	150 x 131 x 126	1,90	**18592**
2.5'' NST-NH female	1000	6	150 x 131 x 126	1,90	**18593**

Pokador


Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	150	6	125 x 78 x 80	0,64	**09976**
1.5'' NST-NH female	150	6	167 x 93 x 98	1,16	**08935**
1.5'' NST-NH female	200	6	167 x 93 x 98	1,16	**09977**
1.5'' NST-NH female	300	6	167 x 93 x 98	1,16	**09978**
1.5'' NST-NH female	400	6	167 x 93 x 98	1,16	**09979**
1.5'' NST-NH female	500	6	167 x 93 x 98	1,16	**09980**
1.5'' NST-NH female	660	6	167 x 93 x 98	1,72	**08940**
1.5'' NST-NH female	750	6	167 x 93 x 98	1,72	**08941**
2.5'' NST-NH female	950	6	150 x 131 x 126	1,90	**08942**
2.5'' NST-NH female	1000	6	150 x 131 x 126	1,90	**08943**

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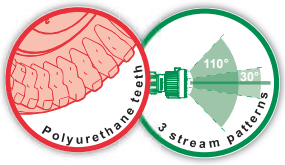
Pokinor 3000

The fixed flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to polyurethane teeth.

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

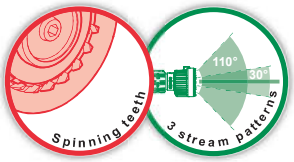


Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	3000	7	Ø214 x 162	3,45	**37333**

Pokador 2000 - 3000

The fixed flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to spinning teeth. They are designed to be used with POK monitorsto 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 jet, flashover and wide angle spray
Head: spinning teeth

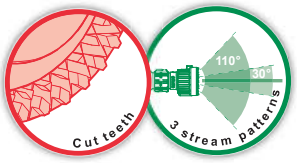


Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	2000	7	Ø208 x 206	4,24	**18653**
2.5" BSP male	3000	7	Ø208 x 206	4,24	**18604**

Pokatak 3000

The fixed flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. They are designed to be used with POK monitorsto obtain a quality spray and performance for an efficient firefighter.

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

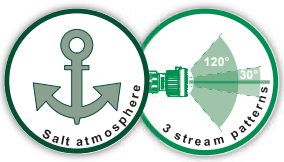


Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	3000	7	Ø162 x 212	3,56	**32741**

Pokabronze 2000 - 6000

The diffuser Pokabronze is made of bronze and stainless steel. With a flow rate of 2,000 or 6,000 lpm, and selectable flow pattern from straight spray to wide spray angle. It is designed to be used with POK bronze monitor, and used in marine environment.

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



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	2000	7	Ø221 x 137	4,31	**20102**
3" BSP female	6000	7	Ø263 x 358	15,73	**34477**

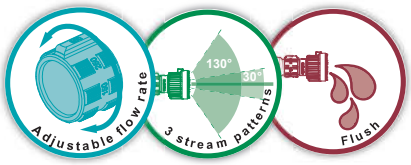
Diffusers - Selectable flow rate

Conform to norm EN 15182-2

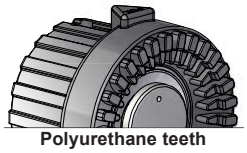
Our diffusers range from 150 to 1,000 lpm with selectable flow rate and selectable stream pattern is light and efficient.
The flow rate selection can be done by rotation of the flow rate ring.
The rotation of the bumper head with tactile indicators allows the selection of the stream pattern.
It is made of aluminium alloy hard anodised 50µm teflon impregnated.
Three versions are available: "Magikador" with polyurethane teeth, "Debikador" with cut teeth, "Pokador" with spinning teeth.

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

Bumper guard colors:

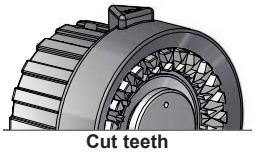


Magikador


Polyurethane teeth

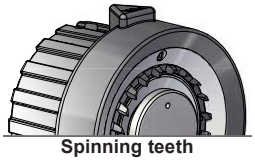
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	40 - 75 - 100 - 150	6	Ø78 x 161	0,72	**25593**
1.5'' NST-NH female	40 - 75 - 100 - 150	6	Ø78 x 161	0,72	**25597**
1.5'' NST-NH female	150 - 250 - 500	6	Ø93 x 188	1,25	**25603**
1.5'' NST-NH female	250 - 500 - 750	6	Ø114 x 246	2,40	**25916**
2.5'' NST-NH female	250 - 500 - 750	6	Ø114 x 272	2,40	**25921**
2'' BSP male	350 - 500 - 600 - 750	6	Ø114 x 165	1,77	**37145**
2'' BSP male	300 - 500 - 750 - 1000	6	Ø114 x 165	1,77	**35600**

Debikador


Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	40 - 75 - 100 - 150	6	Ø78 x 161	0,72	**13431**
1.5'' NST-NH female	150 - 250 - 500	6	Ø93 x 188	1,32	**37136**
2'' BSP male	350 - 500 - 600 - 750	6	Ø114 x 160	1,80	**37139**
2'' BSP male	300 - 500 - 750 - 1000	6	Ø114 x 160	1,77	**35603**

Turbokador


Spinning teeth

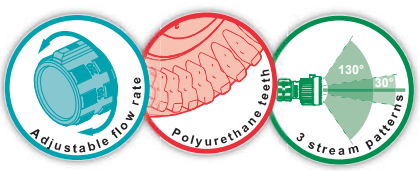
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	40 - 75 - 100 - 150	6	Ø78 x 161	0,72	**19612**
1.5'' NST-NH female	40 - 75 - 100 - 150	6	Ø78 x 161	1,32	**12072**
1.5'' BSP male	100 - 200 - 300	6		1,32	**34447**
1.5'' NST-NH female	50 - 150 - 230 - 500	6	Ø93 x 188	1,32	**37127**
2'' BSP male	350 - 500 - 600 - 750	6	Ø114 x 161	1,78	**37151**
2'' BSP male	300 - 500 - 750 - 1000	6	Ø114 x 161	1,77	**35606**

MAGILITE PN40

High pressure head « Magilite PN40 » with selectable flow rates and spray patterns.
It is concieved for operation use at 40 bar pressure.
The flow rate is selected by the rotating the flow rate ring.
The rotation of the bumper provided with tactile marks allows the selection of the different stream patterns (straight jet, flash over and wide angle spray)
The nozzle is entirely made in aluminium alloy with hard anodisation 50µm and Teflon impregnation.

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

Bumper guard colors:



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	50 - 75 - 100	40	154 x 78 x 78	0,67	**30495**

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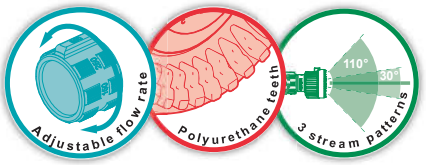
Magikador

The Magikador 3000 diffuser with selectable flow rate and selectable flow pattern diffusers (1,000, 2,000 and 3,000 lpm and straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to moulded teeth. They are designed to be used with POK monitorswith 2.5" outlet.

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

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Mâle 2"1/2 BSP	1000 - 2000 - 3000	7	214 x 218 x 162	4,16	**37215**
Femelle 2"1/2 NST-NH	1000 - 2000 - 3000	7	261 x 218 x 162	4,16	**37233**



Turbokador

The Turbokador 3000 diffuser with selectable flow rate and selectable flow pattern diffusers (1,000, 2,000 and 3,000 lpm and straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. The wide angle spray is obtained thanks to spinning teeth. They are designed to be used with POK monitorswith 2.5" outlet.

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

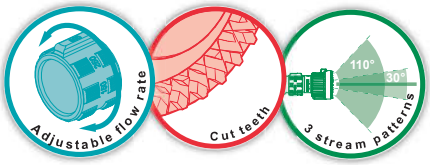
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	1000 - 2000 - 3000	7	Ø225 x 207	4,52	**28698**

Debikador

The Debikador 3000 diffuser with selectable flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) are made of anodised primary aluminium alloy. They are designed to be used with POK monitorsto obtain a quality spray and performance for an efficient firefighting.

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

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP male	1000 - 2000 - 3000	7	Ø225 x 173	4,84	**21415**
2.5" BSP female	2000 - 3000 - 4000 - 5000	7	Ø270 x 196	4,73	**22041**
4'' BSP male	2000 - 3000 - 4000 - 5000 - 6000	7	Ø274 x 312	7,30	**30146**



Debika-inox

The diffusers with selectable flow rate and selectable flow pattern diffusers (straight stream, attack spray, wide angle spray) Debika-inox are made of stainless steel and bronze. They are designed to be used with POK monitorsto obtain a quality spray and performance for an efficient firefighter.

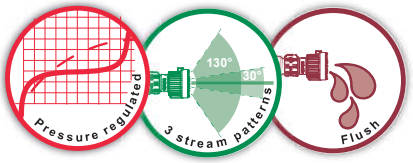
Maximum working pressure: PN16
Material: stainless steel (and bronze)
Stream types: straight jet, flashover and wide angle spray
Head: smooth (3000 lpm), cut teeth (6000 lpm)

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP male	1000 - 2000 - 3000	7	Ø122 x 151	5,50	**15862**
3.5'' NST-NH female	2000 - 3000 - 4000 - 5000 - 6000	7	Ø261 x 347	16,00	**30845**

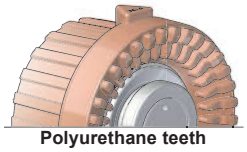
The automatic diffusers range from 150 to 1,000 lpm, offer a large regulation range, and three possiblities of diffuser: "Maximatic" with polyurethane teeth, "Autokador" with cut teeth, and "Tornadomatic" with spinning teeth.

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

Bumper guard colors:

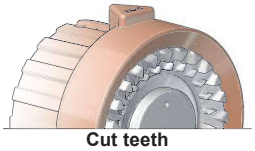


Maximatic


Polyurethane teeth

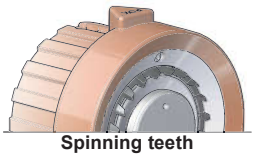
Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	from 40 to 150	6		0,63	**18597**
ISO M40 x 150 male	from 40 to 150	6	Ø78 x 130	0,69	**35673**
1.5'' NST-NH female	from 40 to 150	6	Ø78 x 220	1,20	**35853**
1.5'' NST-NH female	from 40 to 150	6		0,63	**18598**
1.5'' NST-NH female	from 40 to 150	6		1,3	**18600**
1.5" BSP male	from 200 to 600	6	Ø114 x 151	0,97	**24435**
1.5'' NST-NH female	from 230 to 750	6	Ø114 x 151	1,34	**23492**

Autokador


Cut teeth

Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	from 40 to 150	6		0,63	**18595**
ISO M40 x 150 male	from 40 to 150	6	Ø70 x 128	0,66	**35669**
1.5'' NST-NH female	from 40 to 150	6	Ø70 x 218	1,16	**35865**
1.5'' NST-NH female	from 40 to 150	6		0,63	**18596**
1.5'' NST-NH female	from 40 to 150	6		1,3	**18599**
1.5'' NST-NH female	from 230 to 750	6		1,09	**18601.NST**
2.5'' NST-NH female	from 230 to 750	6		1,09	**18602**
2.5'' NST-NH female	from 400 to 1000	6		1,9	**18603**

Tornadomatic


Spinning teeth

Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1'' NST-NH female	from 40 to 150	6		0,63	**18594**
ISO M40 x 150 male	from 40 to 150	6	Ø70 x 128	0,65	**35648**
1.5'' NST-NH female	from 40 to 150	6	Ø70 x 185	1,16	**35861**
1.5'' NST-NH female	from 40 to 150	6		0,63	**09970**
1.5'' NST-NH female	from 40 to 150	6		1,30	**09947**
2.5" NYFD female	from 40 to 150	6		1,20	**24194**
1.5'' NST-NH female	from 230 to 750	6		1,09	**09971.NST**
2.5'' NST-NH female	from 230 to 750	6	Ø70 x 105	1,09	**13132**
2.5'' NST-NH female	from 400 to 1000	6		1,90	**09972**

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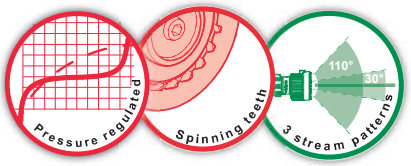
Tornadomatic

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

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

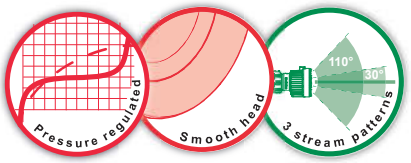


Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP male	from 1000 to 3000	7	Ø208 x 254	5,56	**29804**

Autokador - smooth head

The automatic diffuser Autokador offers a large regulation range.
It is made of hard anodised aluminium alloy. It was designed to be used with POK monitorsto obtain a quality spray and performance for an efficient firefighter.

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

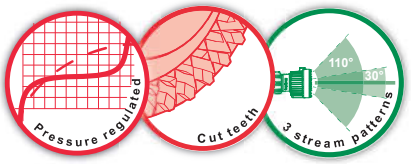


Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6'' BSP male	from 5000 to 10000	7		26,90	**29142**
6'' NST-NH male	from 5000 to 15000	7		40,00	**29437**

Autokador - cut teeth

The automatic diffuser Autokador offers a large regulation range.
It is made of hard anodised aluminium alloy. It was designed to be used with POK monitorsto 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 jet, flashover and wide angle spray
Head: cut teeth

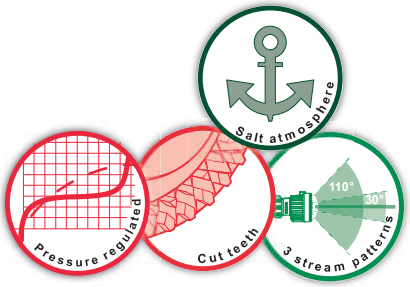


Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP female	from 1000 to 2000	7	Ø153 x 148	3,25	**22505**
2.5'' BSP male	from 1000 to 3000	7	Ø162 x 260	5,01	**29799**
2.5'' BSP female	from 2000 to 5000	7	Ø218 x 155	4,55	**11637**
2.5'' NST-NH female	from 2000 to 5000	7	Ø218 x 137	3,58	**25608**
4'' BSP female	from 2000 to 7500	7	Ø274 x 216	10,15	**11724**
3.5'' NST-NH female	from 2000 to 7500	7	Ø324 x 218	11,26	**17179**

Autokador, made of stainles steel and bronze

The automatic diffuser Autokador offers a large regulation range.
It is made of bronze and stainless steel. It was designed to be used with POK monitorsto obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: PN16
Material: bronze and stainless steel
Stream types: straight jet, flashover and wide angle spray
Head: cut teeth



Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5'' NST-NH female	from 2000 to 6000	7	Ø261 x 349	16,00	**30848**

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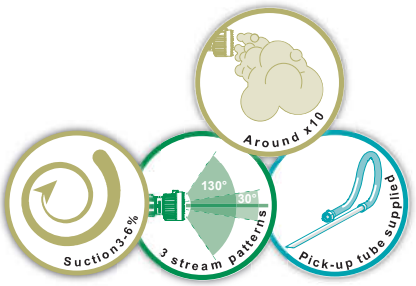
self-educing diffuser, made of aluminium alloy

This self educing diffusers range is made of anodised aluminium alloy with polyester coating, and for a use PN16. Its aspiration can be calibrated at 3% or 6%. The stream pattern is selectable by handwheel (straight stream, attack spray, wide angle spray).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, 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'' BSP male	2000	7	Ø162 x 314	4,30	**22126**
2.5'' BSP male	3000	7	Ø162 x 314	4,30	**22127**
3.5'' NST-NH female	7500	7	Ø274 x 469	8,12	**30612**

Self-educing diffuser, made of stainless steel and bronze

This self educing diffusers range is made of stainless steel and bronze, and was designed to be used in marine environment. Its aspiration can be calibrated at 3% or 6%. The stream pattern is selectable by capstan (straight stream, attack spray, wide angle spray).

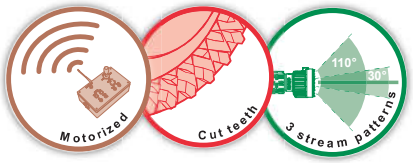
Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight jet, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	1500	7	Ø244 x 258	7,90	**25734**
2.5'' NST-NH female	2000	7	Ø244 x 188	7,77	**22347**
2.5'' NST-NH female	3000	7		7,77	**22348**

Pokador, made of aluminium alloy

The Pokador fixed flow rate diffusers and adjustable stream are made of aluminium alloy with hard anodised and PTFE impregnation. The stream shape is obtained by a machined toothing. They are intended to be mounted at the output of our POK EasyDrive monitors . The monitoring of the stream shape is made by an electrical cylinder equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth

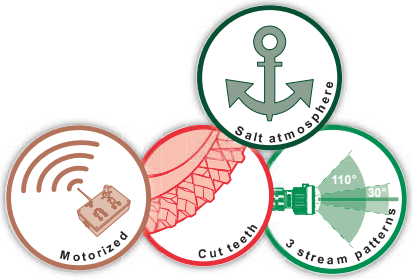


Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	2000	7			**38041**
3.5" NST-NH female	2500	5	222 x 192 x 150	6,60	**25428**

Pokador, made of stainless steel

The Pokador fixed flow rate diffusers and adjustable stream are made of stainless steel. The stream shape is obtained by a molded teeth. They are intended to be mounted at the output of our POK EasyDrive monitors . The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: PN16
Material: stainless steel
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	1500	7	205 x 167 x 130	5,69	**27980**
2.5'' NST-NH female	2000	7	205 x 167 x 130	5,69	**26545**

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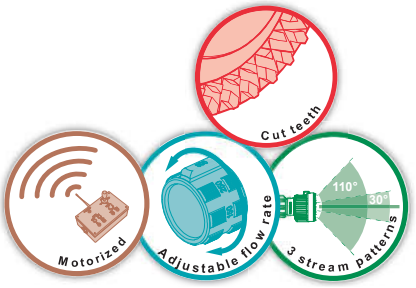
Debikador

Adjustable flow rates motorised diffusers, they provide a range of 500 to 3,000 lpm or 1,000 to 5,000 lpm The stream shape is motorised (straight stream, attack stream and wide spray). Diffusion head type "Debikador" cut teeth. Female threaded inlet 2.5'' NST-NH.
Aluminium alloy construction with 50 microns hard anodised and Teflon impregnation.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: motorised
Supply: 24V CC
Head: cut teeth



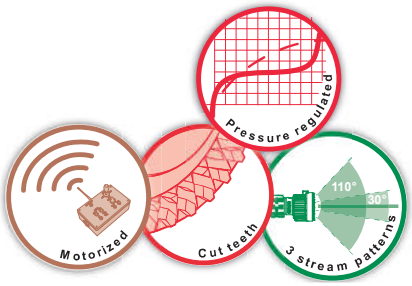
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	3000	7	342 x 194 x 184	7,93	**34079**
2.5'' NST-NH female	5000	7	339 x 193 x 183	8,02	**35295**

Diffusers - Automatically regulated pressure, motorised

Autokador cut teeth, made of aluminium alloy

The Autokador automatic constant pressure diffusers are made in aluminium alloy hard anodised and PTFE impregnation. They provide a self-regulating range of 1,000 to 7,500 lpm at 7 bar. The stream shape is achieved by a fixed gear made of aluminium alloy. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth

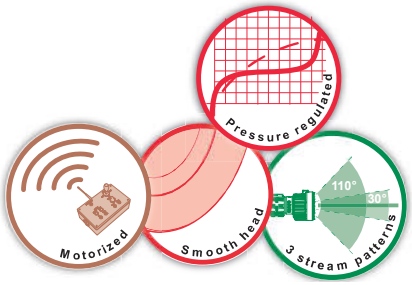


Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	from 1000 to 3000	7	277 x 188 x 162	6,60	**29209**
3.5'' NST-NH female	from 1000 to 3000	7			**38026**
2.5'' NST-NH female	from 2000 to 5000	7	210 x 192 x 150	5,83	**25875**
3.5'' NST-NH female	from 2000 to 5000	7	219 x 192 x 150	6,29	**22405**
3.5'' NST-NH female	from 2000 to 6000	7	334 x 212 x 163	9,59	**29902**
3.5'' NST-NH female	from 2000 to 7500	7	216 x 274 x 274	10,15	**15990**

Autokador smooth head, made of aluminium alloy

The Autokador automatic constant pressure diffusers are made in aluminium alloy.
They provide a self-regulating range of 5,000 to 20,000 lpm at 7 bar. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: smooth

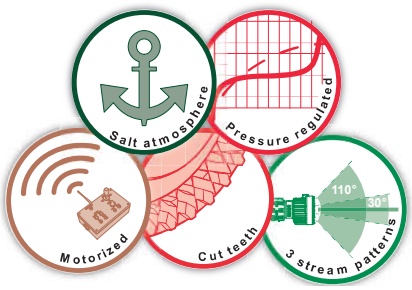


Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6'' BSP female	from 5000 to 10000	7		36,5	**29085**
6'' NST-NH male	from 5000 to 15000	7		49,4	**29088**
Flange 8'' ASA150	from 15000 to 20000	7		51,57	**30229**

Autokador, made of stainless steel

The Autokador automatic constant pressure diffusers are made of stainess steel. They provide a self-regulating range of 1000 to 6,000 lpm at 7 bar. The stream shape is achieved by a fixed gear. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: PN16
Material: stainless steel
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Head: cut teeth



Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5'' NST-NH female	from 500 to 1000	7	183 x 132 x 87	4,40	**19023**
2.5'' NST-NH female	from 1000 to 3000	7	228 x 167 x 130	6,51	**19063**
3.5'' NST-NH female	from 2000 to 6000	7	349 x 217 x 160	18,00	**30851**

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Self educing diffuser, made of aluminium alloy

Our range of self-educing diffusers (2,000 or 3,000 lpm) is made of aluminium alloy for a PN16 use.
The aspiration is calibrated to 3 or 6% and is delivered with a pick-up tube. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

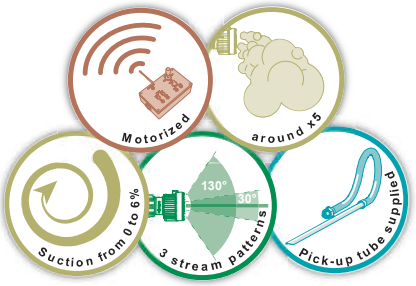
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	2000	6	260 x 218 x 218	5,95	**22122**
2.5'' NST-NH female	3000	6	260 x 218 x 218	5,95	**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.
Its suction valve allows the adjustment of the suction percentage of 0%, 3% or 6% for an expansion rate of x5.
It is meant to equip the monitors compatible with POK EasyDrive remote control technology.
The monitoring of the stream shape is done by means of an electric jack equipped with 2 stop switches. It is made of anodised aluminium alloy and is PN16.
The diffuser is delivered with its pick-up tube.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Suction percentage: 0, 3 or 6%
Expansion rate: approx. x5



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5'' NST-NH female	4000	10	463 x 160 x 443	9,53	**40600**

Self educing diffuser, made of stainless steel and bronze

Our range of self-educing diffusers (2,000 or 3,000 lpm) is made of stainless steel and bronze for a PN16 use.
The aspiration is calibrated to 3 or 6% and is delivered with a pick-up tube. It is intended to be mounted at the output of our POK EasyDrive monitors. The monitoring of the stream shape is made using an electric jack equipped with two stop switches. The cylinders also have a relative position sensor used by our control systems when servo control is required.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight jet, flashover and wide angle spray
Stream adjustment: motorised
Supply: 24V CC
Suction percentage: 3 or 6%
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' NST-NH female	2000	6	258 x 122 x 122	9,58	**22343**
2.5'' NST-NH female	3000	6	258 x 122 x 122	9,58	**22344**

The range of discharge head nozzles offers different possibilities of flow rate and stream pattern: wide angle, flat stream, water wall to adapt to the environment where it will be installed.

Discharge head nozzle made of aluminium

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" BSP female	25	6	Ø35 x 60	0,136	**18824**
1" BSP male	30	6		0,151	**18825**
3/4" BSP male	35	5	Ø30 x 73	0,077	**23274**

Discharge head nozzle made of brass

Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.25" BSP male	28	6	Ø16 x 26	0,021	**14865**
3/4" BSP male	50	6	Ø32 x 43	0,168	**15068**
3/4" BSP male	235	6	Ø37 x 49	0,223	**18867**

Discharge head nozzle made of brass, for protection of tanks with flammable liquids or gases

Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" NPT male	30	6		0,36	**09212**

Deluge nozzle in bronze

Discharge head nozzle in bronze with an adjustable flow rate from 10 to 240 lpm, provides a water cone full of fine droplets.

Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1/2" NPT male	10 to 120 lpm	6 bar	Ø35 x 80	0,22	**28011**
3/4" NPT male	20 to 180 lpm	6 bar	Ø45 x 80	0,34	**28006**
1" NPT male	20 to 240 lpm	7 bar	Ø54 x 90	0,81	**34578**

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Tips - Stacked and "gigogne"

Our range of stacked tips and "gigogne" tips are made of anodised aluminium. They allow several combinations to have the optimum outlet equipment, optimum according to flow rate and pressure at the branchpipe. This multitude of combinations will allow to have four jets gigogne branchpipe.

Stacked tips

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inch	mm			
1'' NST-NH female	0.5''	12	Ø50 x 100	0,26	**01546**
1'' NST-NH female	0.625''	16	Ø50 x 100	0,25	**01612**
1'' NST-NH female	0.75''	19	Ø50 x 100	0,24	**01703**
1.5'' NST-NH female	0.5''	12	Ø60 x 110	0,36	**01566**
1.5'' NST-NH female	0.75''	19	Ø60 x 110	0,34	**01704**
1.5'' NST-NH female	15/16''	24	Ø60 x 110	0,33	**01537**
1.5'' NST-NH female	1''	25	Ø60 x 110	0,30	**01536**
1.5'' NST-NH female	1.25''	32	Ø60 x 110	0,25	**08947**
1.5'' NST-NH female	1.325''	35	Ø60 x 110	0,28	**08278**

Dual stacked tips "gigogne"

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inch	mm			
1.5'' NST-NH female	15/16'' x 0.5''	24 x 12	Ø60 x 198	0,54	**01586**
1.5'' NST-NH female	1.125'' x 0.5''	28 x 12	Ø60 x 205	0,71	**08907**
1.5'' NST-NH female	1.25'' x 0.5''	32 x 12	Ø60 x 205		**08908**
1.5'' NST-NH female	1.125'' x 1''	28 x 25	Ø60 x 205		**08909**
1.5'' NST-NH female	1.25'' x 1''	32 x 25	Ø60 x 205	0,60	**08910**

Triple stacked tips "gigogne"

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inch	mm			
1.5'' NST-NH female	1.25'' x 1.125'' x 1''	32 x 28 x 25	Ø60 x 300	0,94	**08911**

Quad stacked tips "gigogne"

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inch	mm			
2.5'' NST-NH female	1.5'' x 1.25'' x 1.125'' x 1''	38 x 32 x 28 x 25	Ø107 x 429	1,63	**08283**
2.5'' NST-NH female	2'' x 1.75'' x 1.5'' x 1.325''	50 x 45 x 38 x 35			**08282**

Quad stacked tips "gigogne", with stream shaper of length 100mm

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inch	mm			
2.5'' NST-NH female	1.5'' x 1.25'' x 1.125'' x 1''	38 x 32 x 28 x 25	Ø107 x 531	2,43	**08284**
2.5'' NST-NH female	2'' x 1.75'' x 1.5'' x 1.325''	50 x 45 x 38 x 35			**08286**

Stream shapers are made of hard anodised aluminium alloy PTFE impregnated. The stream shapers are anti-turbulence systems for improving the range of the equipment and reducing friction loss. Three to ten meters can be gained depending on the flow and pressure.

Stream shapers

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Length (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5'' BSP male	1.5'' BSP male	150	Ø48 x 150	0,30	**09323**
1.5'' NST-NH female	1.5'' NST-NH male	215			**02318**
2.5'' BSP male	2.5'' BSP male	58	Ø75 x 58	0,24	**11376**
2.5'' BSP male	2.5'' BSP male	246	Ø75 x 246	0,80	**03187**
2.5'' NST-NH female	2.5'' NST-NH male	115	Ø107 x 120	0,78	**01396**
2.5'' NST-NH female	2.5'' NST-NH male	330			**02319**
3.5'' NST-NH female	3.5'' NST-NH male	152	Ø151 x 152	1,62	**21778**
3.5'' NST-NH female	3.5'' NST-NH male	326	Ø151 x 326	2,59	**17877**

Concentric reduction for hand nozzles

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Length (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5'' NST-NH female	1'' NST-NH male	110	Ø60 x 110	0,28	**01592**
2.5'' NST-NH female	1.5'' NST-NH male	145	Ø107 x 145	0,70	**03452**
2.5'' NST-NH female	2" NST-NH male	160			**08285**

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Water branchpipes made of aluminium

Straight jet branchpipe made of hard anodised aluminium alloy PTFE impregnated. This branchpipe is designed to be mounted on a monitor. The stacked tip is interchangeable to obtain the expected flow rate and range according to 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.
	Waterway Ø25 mm	Waterway Ø35 mm				
2.5'' BSP male	1000	2100	7	Ø88 x 471	1,84	**07755**
DSP DN65, with lock	1000	2100	7		2,10	**07409**
AR DN100, with lock	1000	2100	7		2,80	**01517**

Water branchpipe made of stainless steel with blabbermouth

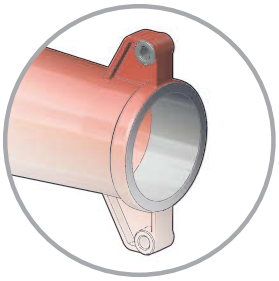
Water branchpipes are designed to be mounted on monitor with 2.5" outlet. It allows a water/foam use at 1,400 lpm at 7 bar in marine or corrosive environment.

Maximum working pressure: PN16
Material: stainless steel
Blabbermouth adjustment: handwheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP male	1400	7	725 x 265 x 77	4,83	**20247**

Branchpipes - Water-foam, ultra short "POWER FOAM"

''POWER FOAM'' water-foam branchpipe, without suction (patented)



Patented system
POWER FOAM
Dimensions divided by 2

The range of "POWER FOAM" water foam branchpipes without suction is made of anodised aluminium with red polyester coating. Its new foam production system (patented) allows a nonpareil expansion and range.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating

Options: blabbermouth

Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
2" BSP male	1000*	7	45	Ø86 x 315	1,43	**24174**
1.5" BSP female	1000*	7	45	Ø86 x 317	1,30	**24377**
2.5" BSP male	1500	7		Ø130 x 433	3,06	**23989**
2.5" BSP male	2000	7	60	Ø130 x 433	3,06	**24038**
2.5" BSP male	2400	7		Ø130 x 433	3,04	**28444**
2.5" BSP male	3000	7		Ø130 x 433	3,06	**27023**
3.5" NST-NH female	3000	7		604 x 214 x 157	6,12	**24042**
2.5" BSP male	4000	7		Ø130 x 443	3,05	**25947**
3.5" NST-NH female	4000	7		604 x 214 x 157	6,10	**24046**
3.5" NST-NH female	5000	7	75	604 x 214 x 157	6,10	**24169**
3.5" NST-NH female	6000	7	85	702 x 218 x 204	10,39	**24079**
3.5" NST-NH female	8000	7		702 x 218 x 204	10,36	**25422**

*800 lpm at 5 bar

''POWER FOAM'' self educing water-foam branchpipe (patented)

Patented system
POWER FOAM
Dimensions divided by 2

The self educing "POWER FOAM" water foam branchpipes is made of anodised aluminium with red polyester coating. Its new foam production system (patented) allows a nonpareil expansion and range.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction hose supplied: YES

Options: blabbermouth

Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	GFR DN20 male	2000	7	548 x 285 x 157	5,37	**29152**
3.5" NST-NH female	1.5" BSP male	4000	7	719 x 364 x 214	9,58	**29161**

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Branchpipes - Water-foam, ultra short "POWER FOAM"

Best characteristics
The majority of our branchpipes POWER FOAM are available with blabbermouth
Contact us for more information

"POWER FOAM" Low expansion water foam branchpipes with blabbermouth, without suction

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Blabbermouth adjustment: handwheel

The "POWER FOAM" water foam branchpipe with blabbermouth is made of anodised aluminium alloy with polyester coating. The flow rate is 5,000 lpm at 7 bar is equipped with blabbermouth.

Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
3.5" NST-NH female	5000	7	75	986 x 422 x 418	14,44	**25167**

Branchpipes - Water-foam, ultra-short "POWER FOAM" with blabbermouth, with suction

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
Suction percentage: from 0 to 6%
Blabbermouth adjustment: handwheel
Suction hose supplied: YES

The "POWER FOAM" water foam branchpipe with blabbermouth is made of anodised aluminium alloy with polyester coating. Its flow rate is 10,000 lpm at 7 bar. A calibrated orifice allows a suction from 0% to 6% (according to request).

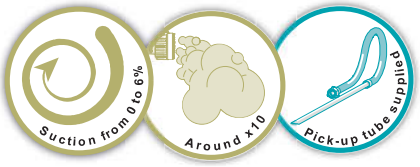
Inlet	Flow rate (lpm)	Working pressure (bar)	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
Femelle 6" NST-NH	10000	7	90	1441 x 286 x 455	30,8	**29558**

Self educing "POWER FOAM" Low expansion water foam branchpipes with blabbermouth

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: handwheel
Suction hose supplied: YES

The "POWER FOAM" water foam branchpipe with blabbermouth is made of anodised aluminium alloy with polyester coating. The flow rate is 4,000 lpm at 7 bar is equipped with blabbermouth. This version is equipped with foam agent suction ajustable from 0% to 6%.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" NST-NH female		4000	7			**29457**

Water foam branchpipe without suction

The range of water foam branchpipe without suction is made of anodised aluminium alloy with polyester coating. The flow rate is from 1,000 to 5,000 lpm. It is equipped with pressure gauge at the inlet, and is designed to be assembled on 2.5" monitor.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Pressure gauge: YES

Options: blabbermouth

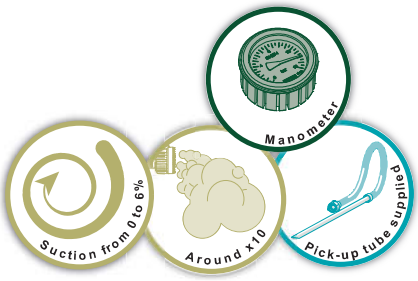
Inlet	Flow rate / Working pressure				Range (m)	Dimensions (mm)	Weight (kg)	Ref.
	lpm	Bar	GPM	PSI				
2.5" BSP male	1000	7			40	705 x 100 x 142	2,66	**18640**
2.5" NST-NH female			250	100	40	738 x 100 x 142	2,96	**08975**
2.5" BSP male	1500	7			45	705 x 100 x 142	2,64	**07754**
2.5" NST-NH female			400	100	45	738 x 100 x 142	2,94	**08976**
2.5" BSP male	2000	7			50	705 x 100 x 142	2,62	**07753**
2.5" NST-NH female			500	100	50	738 x 100 x 142	2,92	**08977**
2.5" NST-NH female			800	100	60	738 x 100 x 142	2,90	**08978**
2.5" BSP male	3000	7			60	705 x 100 x 142	2,60	**07752**
4" NST-NH female			1000	100	70	945 x 175 x 138	5,73	**08979**
4" NST-NH female			1350	100		945 x 175 x 138	5,71	**08980**
4" NST-NH female			2000	100		945 x 175 x 138	5,69	**08981**
4" BSP male	4000	7			70	898 x 170 x 64	5,15	**07750**
4" BSP male	5000	7				898 x 170 x 64	5,11	**07749**

Self educing water foam branchpipes

The self educing water foam branchpipes is made of anodised aluminium with red polyester coating. The flow rate is from 1,000 to 6,000 lpm. It is equipped with pressure gauge at the inlet, and delivered with suction tube.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction hose supplied: YES
Pressure gauge: YES

Options: blabbermouth



Inlet	Suction coupling	Flow rate / Working pressure				Range (m)	Dimensions (mm)	Weight (kg)	Ref.
		lpm	Bar	GPM	PSI				
2.5" BSP male	GFR DN20 male	1000	7			40	870 x 232 x 149	4,72	**18253**
2.5" NST-NH female	GFR DN20 male			250	100	40	894 x 232 x 149	4,94	**18285**
2.5" BSP male	GFR DN20 male	1500	7			45	870 x 232 x 149	4,63	**18261**
2.5" NST-NH female	GFR DN20 male			400	100	45	894 x 232 x 149	5,13	**18293**
2.5" BSP male	GFR DN20 male	2000	7			50	908 x 250 x 153	5,05	**19699**
2.5" NST-NH female	GFR DN20 male			500	100	50	932 x 250 x 153	5,27	**08969**
2.5" BSP male	GFR DN20 male	2400	7				908 x 250 x 153	4,99	**19703**
2.5" NST-NH female	GFR DN20 male			635	100		932 x 250 x 153	5,21	**08970**
2.5" BSP male		2700	7				908 x 250 x 153	5,06	**20721**
2.5" BSP male		3000	7			60			**07747**
4" NST-NH female				800	100	60			**08971**
4" BSP male	1.5" BSP male	4000	7			70	1213 x 301 x 187	9,96	**19867**
4" NST-NH female				1000	100	70		10,99	**08972**
4" BSP male	1.5" BSP male	5000	7				1213 x 301 x 187	9,90	**19871**
4" BSP male	1.5" BSP male	6000	7				1213 x 301 x 187	9,64	**19875**

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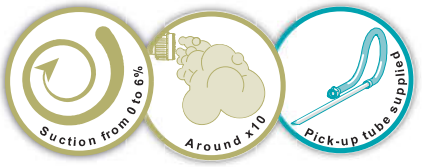
Best characteristics
The majority of our branchpipes
WATER-FOAM
are available with a motorized blabbermouth
Contact us for more information

Self educing water foam branchpipes with blabbermouth

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: by lever
Suction hose supplied: YES

The water foam branchpipe 1,500 lpm at 7 bar with blabbermouth is made of anodised aluminium with red polyester coating. It is equipped with a multiposition blabbermouth, pressure gauge at the inlet and suction tube.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	GFR DN20 male	1500	7	1148 x 316 x 258	7,87	**18306**

Stainless steel "POWER FOAM" branchpipe without suction (patented)

The stainless steel "POWER FOAM" branchpipe without suction with flow rate from 500 to 11,000 lpm at 7 bar was designed for outside use and marine environment. They are designed to be mounted on 1.5" to 6" monitor.

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: blabbermouth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5'' NST-NH female	500	7	Ø70 x 243	1,08	**25833**
2.5" NST-NH female	1000	7	Ø95 x 458	3,00	**24260**
2.5" NST-NH female	1200	7	Ø95 x 458	3,00	**24231**
2.5" NST-NH female	1500	7	Ø95 x 458	3,00	**24263**
6'' NST-NH female	6000	7	Ø240 x 845	16,26	**27841**
6'' NST-NH female	9000	7	Ø240 x 845	16,14	**27844**
6'' NST-NH female	11000	7	Ø240 x 845	16,00	**27847**

Stainless steel water foam branchpipe without suction

The stainless steel water foam branchpipe with flow rate from 1,000 lpm to 9,000 lpm at 7 bar have been specially designed for use in marine environment. It was designed to be mounted on 2.5" to 4" monitor.

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: blabbermouth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	1000	7			**07763**
2.5" BSP male	1500	7			**07764**
2" BSP male	1500	7			**18406**
2.5" BSP male	2000	7			**07765**
3" BSP male	2350	7	Ø134 x 863	4,33	**15645**
2.5" BSP male	2800	7			**07766**
3" BSP male	3800	7	Ø134 x 863	5,36	**15632**
3" BSP male	4000	7			**18407**
Flange 4'' ASA150	9000	7	Ø228 x 1089	15,30	**13496**

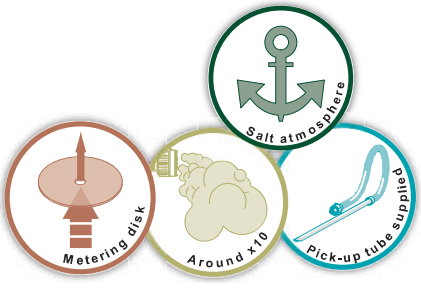
Self educing water foam branchpipe in stainless steel

The self educing water foam branchpipe in stainless steel has a flow rate from 500 to 19,000 lpm at 7 bar. It is delivered with suction tube.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction hose supplied: YES

Options: blabbermouth

Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5'' NST-NH female	GFR DN20 male	500	12	688 x 115 x 60	2,57	**21686**
3'' BSP female	1'' BSP male	1400	7	782 x 123 x 110	4,76	**19955**
2.5" BSP male	1'' BSP male	1400	7	767 x 110 x 84	3,83	**20507**
2.5" BSP male	1.5'' BSP male	2000	7			**07768**
2.5" BSP male	1.5'' BSP male	2800	7	848 x 137 x 120	5,83	**22067**
2.5" BSP male	1.5'' BSP male	3000	7			**07769**
3'' BSP female	1.5'' BSP male	3000	7	874 x 122 x 110	5,26	**12873**
4'' BSP female	SG DN50	6000	7	1589 x 248 x 268	20,70	**15906**
Flange 4'' ASA150	Storz B/75	9000	7	1582 x 286 x 229	34,30	**15563**
6'' NST-NH female	SG DN65	11000	7			**38071**
Flange 6'' ASA150	**2x** Storz B/75	19000	7			**17348**
Flange DN150 PN16	**2x** Storz B/75	19000	7	1786 x 410 x 285	37,50	**17316**



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Best characteristics
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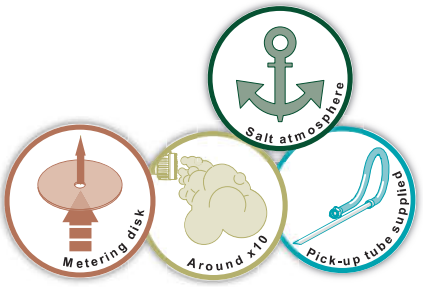
WATER-FOAM
are available with a motorized blabbermouth
Contact us for more information

Self educing water foam branchpipe in stainless steel with blabbermouth

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: handwheel
Suction hose supplied: YES



The self educing water foam branchpipe in stainless steel with blabbermouth was designed to be used in marine environment. It was designed to be mounted on monitor to offer several throwing possibilities of water or foam.

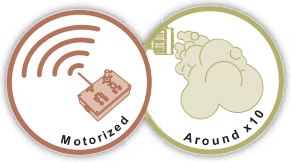
Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	1'' BSP male	1400	7	917 x 254 x 230	8,50	**21723**
2.5" BSP male	1.5" BSP male	2000	7	921 x 254 x 230	8,30	**25521**

Best characteristics
The majority of our branchpipes
POWER FOAM
are available with blabbermouth
Contact us for more information

''POWER FOAM'' water-foam branchpipe with blabbermouth, without suction (patented)

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Blabbermouth adjustment: motorised
Supply: 24 V CC



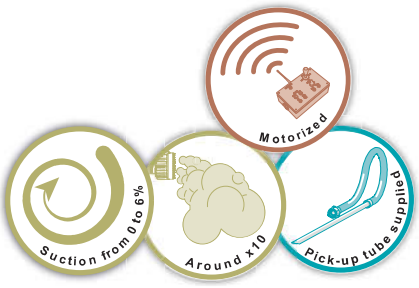
The "POWER FOAM" patented water-foam branchpipes with blabbermouth is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate from 5,000 to 15,000 lpm at 7 bar. The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick. The end of movement is done by detecting the intensity peaks.

Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
3.5" NST-NH female	5000	7	75	986 x 421 x 337	16	**25364**
6'' NST-NH female	10000	7		1367 x 286 x 413	27	**34031**
6" NST-NH female	15000	7		1367 x 286 x 413	27	**34840**

Self educing ''POWER FOAM'' water-foam branchpipe with blabbermouth (patented)

Patented system
POWER FOAM
Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: motorised
Supply: 24 V CC
Suction hose supplied: YES



The self-educing "POWER FOAM" patented water-foam branchpipes with blabbermouth is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate from 4,000 lpm at 7 bar. It is delivered with a pick-up tube.
The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick. The end of movement is done by detecting the intensity peaks.

Inlet	Inlet coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" NST-NH female	1.5" BSP female	4000	7	1101 x 420 x 394	16	**29307**

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Best characteristics
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WATER-FOAM
are available with a motorized blabbermouth
Contact us for more information

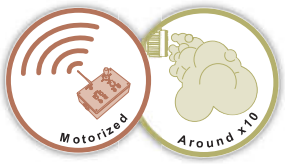
Water-foam branchpipe with blabbermouth, without suction (patented)

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
Disperseur en nappe: YES
Blabbermouth adjustment: motorised

The 20,000 lpm water-foam branchpipe is designed entirely in aluminium alloy with a polyester coating.
It is equipped with a motorised blabbermouth entirely made of aluminium alloy.
It is provided with a male threaded inlet 8" BSP.

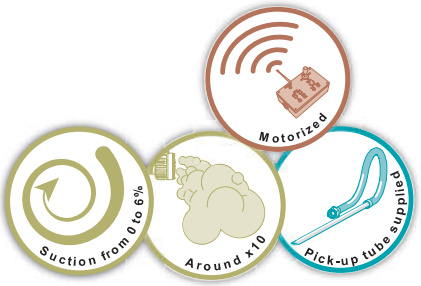
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8'' BSP male	20000	7	2304 x 446 x 568	52	**33529**



Self educing water-foam branchpipe with blabbermouth

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Blabbermouth adjustment: motorised
Supply: 24 V CC
Suction hose supplied: YES

The self-educing water-foam branchpipes with blabbermouth is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate of 4,000 lpm at 7 bar. It is delivered with a pick-up tube.
It is also provided with a control pressure gauge.
The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick. The end of movement is done by detecting the intensity peaks.

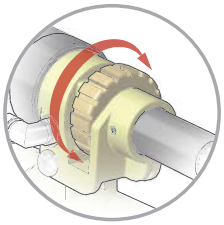


Inlet	Inlet coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" NST-NH female		4000	7			**22377**

Selectable flow rate ''POWER FOAM'' water-foam branchpipe with blabbermouth (patented)

New design DUAL FLOW RATE motorized

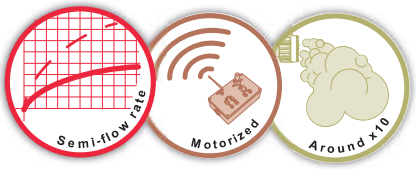
Patented system POWER FOAM Dimensions divided by 2



Spare handwheel for flow rate and blabbermouth adjustment

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Blabbermouth adjustment: motorised
Flow rate adjustment: motorised
Supply: 24V CC

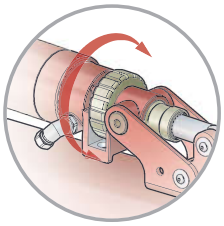
Our "POWER FOAM" patented water-foam branchpipes are provided with a ''double-flow rate" 2,000-4,000 lpm at 7 bar and are equipped with a patented device developed by POK allowing a significant reduction of dimensions and an improvement of 30% of the hydraulic performances (reach 68 meters).
They offer the possibility to be equipped with a motorised disperser with handwheels.



Inlet	Flow rate (lpm)	Working pressure (bar)	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
3.5'' NST-NH female	2000/4000	7	68	1079 x 268 x 286	15	**33936**

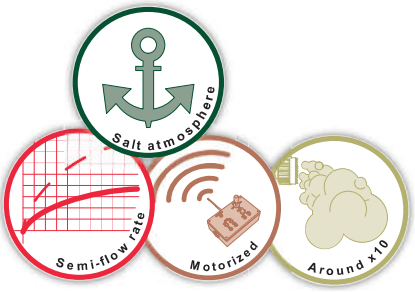
Selectable flow rate water-foam branchpipe, made in stainless steel

New design DUAL FLOW RATE motorized



Spare handwheel for flow rate and blabbermouth adjustment

Maximum working pressure: 230 PSI
Material: stainless steel
Surface treatment: polyester coating
Expansion rate: approx. x10
Flow diverter adjustment: motorised
Flow rate adjustment: motorised
Supply: 24V CC



The stainless steel branchpipe without suction with flow rate from 5,000 to 20,000 lpm at 7 bar was designed for outside use and marine environment.
It is designed to be mounted on our 8" stainless steel monitor.
It offers the possibility to be equipped with a motorised flow diverter with handwheels.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (cm)	Weight (kg	Ref.
8" BSP male	5000/20000	7	1006 x 238 x 345	40,82	**37681**

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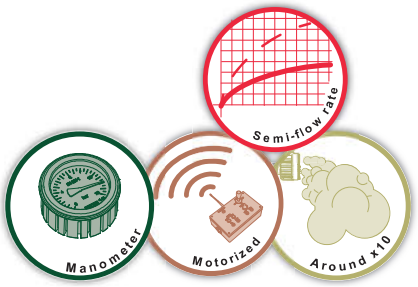
Selectable flow rate water-foam branchpipe without blabbermouth

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Supply: 24V CC
Pressure gauge: YES

Options: blabbermouth

The water-foam branchpipes is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate from 3,000 to 6,000 or from 9,000 to 18,000 lpm at 7 bar. It comes with a control pressure gauge.
The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automatic and requires no user intervention. The selection of the flowrate can be changed using the joystick of the transmitter.

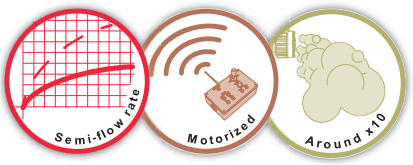


Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
4'' BSP male	3000/6000	7	762 x 144 x 281	11	**24960**
8" BSP male	9000/18000	7	1754 x 390 x 390	48	**32054**

Selectable flow rate water-foam branchpipe with blabbermouth

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Blabbermouth adjustment: motorised
Supply: 24V CC

The water-foam branchpipe is made entirely of aluminium alloy with polyester coating and anodised. It provides a flow rate from 3,000 to 6,000 lpm or 5,000 to 10,000 lpm at 7 bar. They are provided with a motorised blabbermouth.
The water-foam branchpipe is mounted in place of the diffuser. The detection of the connection is fully automated and requires no user intervention. The monitoring of the disperser is made using the diffuser's joystick of the transmitter.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5'' NST-NH female	3000/6000	7	1146 x 421 x 396	11	**23505**
6'' NST-NH male	5000/10000	7	1040 x 288 x 416	24	**37584**

Powder foam branchpipes (patented)

Approved by navy
This powder-foam branchpipe protects
The FRENCH NAVY

The powder foam branchpipes made of hard anodised aluminium alloy with polyester coating, combine two functions: powder branchpipe and foam branchpipe. The combination of the two devices operating simultaneously has the advantage of significantly improving the throw range of the powder nozzle and generates unsurpassed efficiency in extinguishing oil fires and is used by the French Navy.

Maximum working pressure: PN16
Material: aluminium alloy
Expansion rate: approx. x10

Options: blabbermouth

Inlet	Powder coupling	Foam flow rate (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP female	1.5" BSP female, swivel	2000	10 kg/s	7	748 x 130 x 177	5,979	**17294**
2.5'' NST-NH female		2000	10 kg/s	7		6,30	**18703**
2.5'' BSP female	1.5" BSP female, swivel	1200	10 kg/s	7	579 x 134 x 177	5,32	**19100**
2.5'' BSP female	1.5" BSP female, swivel	1500	10 kg/s	7	579 x 134 x 177	5,32	**20758**
2.5'' BSP female	1.5" BSP female, swivel	4000	10 kg/s	7	748 x 177 x 130	5,91	**21632**
3.5'' NST-NH female	Storz B/75, swivel	8000	20 kg/s	7	806 x 204 x 287	14,70	**21780**

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These foam attachments are designed to equip our diffusers and are delivered assembled to allow easy and fast mounting. They are available in 3,000 lpm and 5,000 lpm, for low and medium expansion.

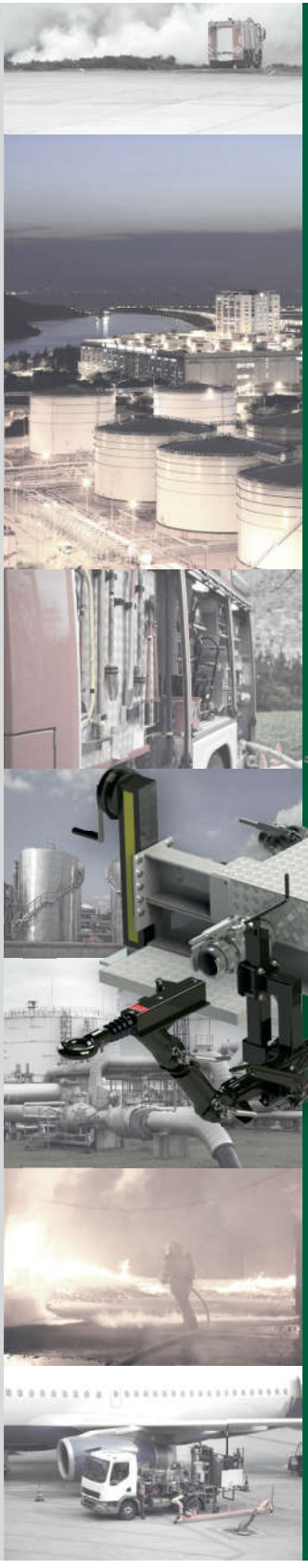
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating

Low and medium foam attachment 3000 lpm

Description	Weight (kg)	Ref.
Foam attachment medium expansion 3000 lpm	3,88	**15542**
Foam attachment low expansion 3000 lpm	2,98	**15544**

Low and medium foam attachment 5000 lpm

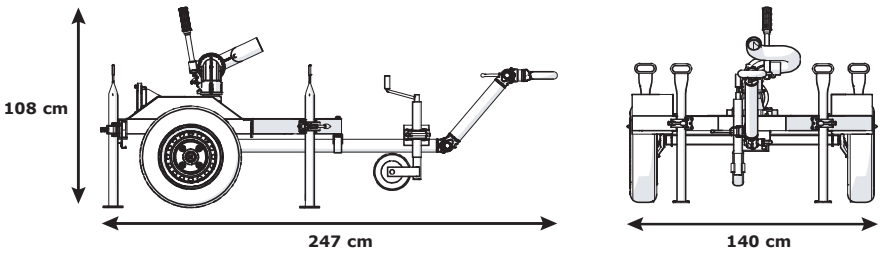
Description	Weight (kg)	Ref.
Foam attachment low expansion 5000 lpm	5,60	**20295**



Towable trailers

Trailer type ''Delta'' with Primator

Material: aluminium alloy and steel
Max. weight on axle tree: 500 kg
Wheels dimensions: 145 70 R13
"Jockey" wheel type: With collar
Stands: 4x 200kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 7 pins
Options: monitor, outlet equipment, dimensions, number of inlets



"Primator" monitor made in aluminium alloy on Delta trailer made in aluminium. This trailer is equipped with ajustable draught beam, four stabilising legs, sign plates and a jockey wheel. The monitor is equipped at the inlet with a thread 4" BSP male and can have a 2.5" equipment at the outlet.

Inlet	Outlet	Pipe (mm)	Dimensions (cm)	Weight (kg)	Ref.
4'' BSP Male	2.5" BSP female	80	247 x 140 x 108		**15070**

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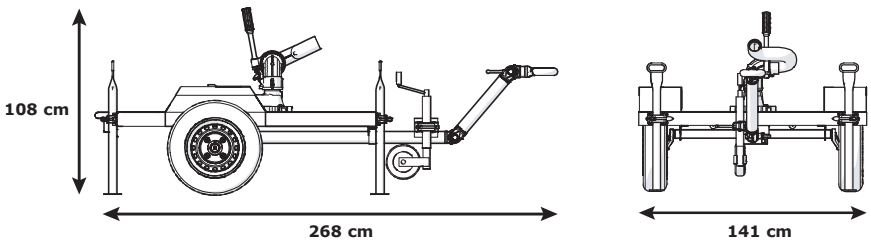
Trailer type 'Square 3000'' with Primator

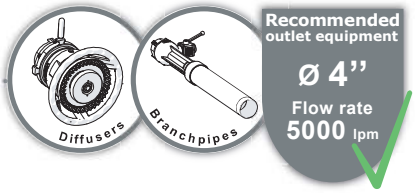
Material: aluminium alloy and steel
Max. weight on axle tree: 500 kg
Wheels dimensions: 145 70 R13
"Jockey" wheel type: With collar
Stands: 4x 200kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 7 pins
Options: monitor, outlet equipment, dimensions, number of inlets

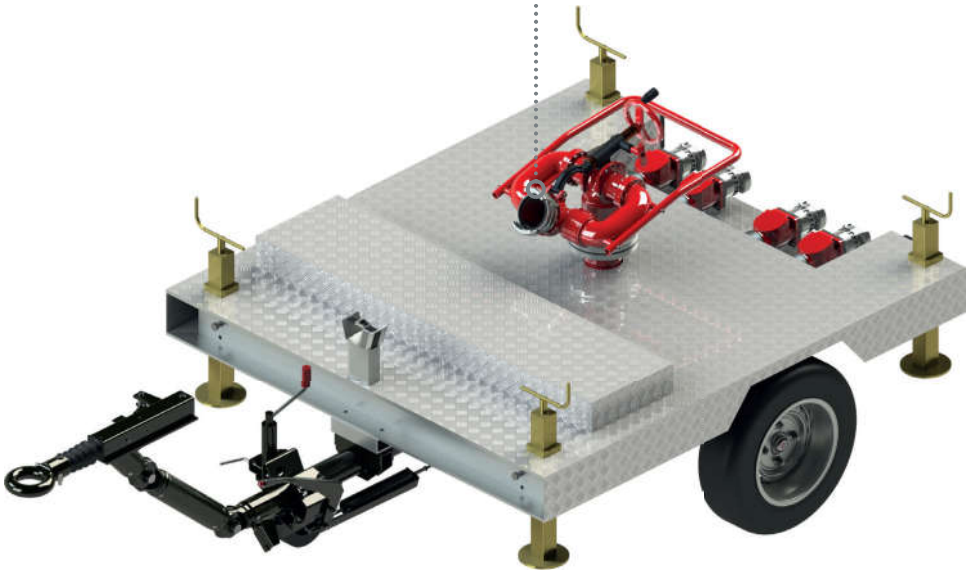


"Primator" monitor nozzle made in aluminium on Square trailer made in aluminium. This trailer is equipped with ajustable draught beam, four stabilising legs, sign plates and a jockey wheel. The monitor is equipped at the inlet by thread 4" BSP male and can have a 2.5" equipment at the outlet. The platform of this trailer offers good stability on the floor for irregular surfaces.

Inlet	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
4'' BSP Male	2.5'' BSP Female	80	268 x 141 x 108		**14102**

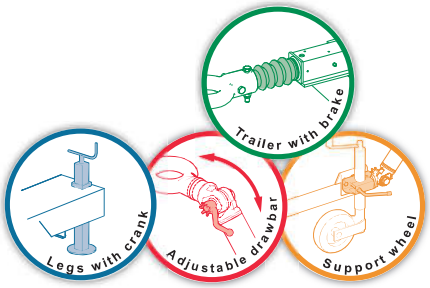
Trailer type ''4000'' with Minotor

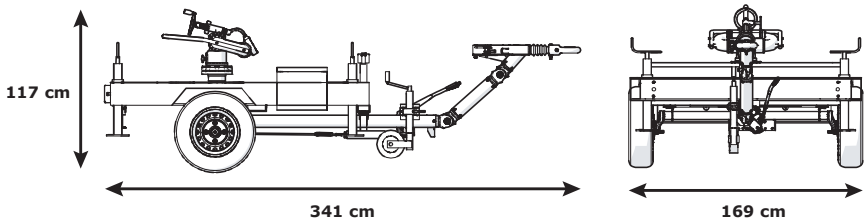




Material: aluminium alloy and steel
Max. weight on axle tree: 750 kg
Wheels dimensions: 145 80 R13
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: With collar
Stands: 4x 800kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 7 pins
Storage box: YES

Options: monitor, outlet equipment, dimensions, number of inlets





"Minotor" monitor nozzle 5000 made in aluminium alloy, on a trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel and a storage box. The monitor is supplied by four threads 2.5" BSP male with non return valve, or two threads 4" BSP male at the inlet. Flow rate is 5,000 lpm at 7 bar.

Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 2.5'' BSP male	4'' BSP female	100	341 x 169 x 117		**13955**

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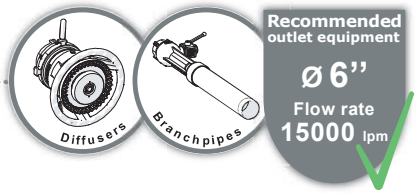
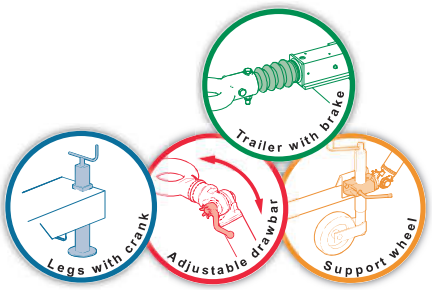
Trailer type ''9000'' with Gearator

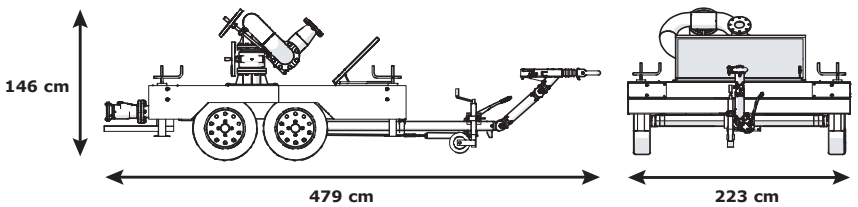


Material: aluminium alloy and steel
Max. weight on axle tree: 2x 1300kg
Wheels dimensions: 165 R14C
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable
Stands: 4x 1000kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES

Options: monitor, outlet equipment, dimensions, number of inlets

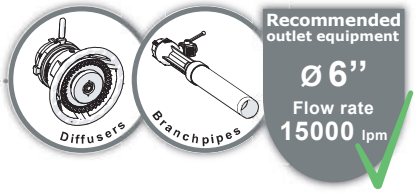


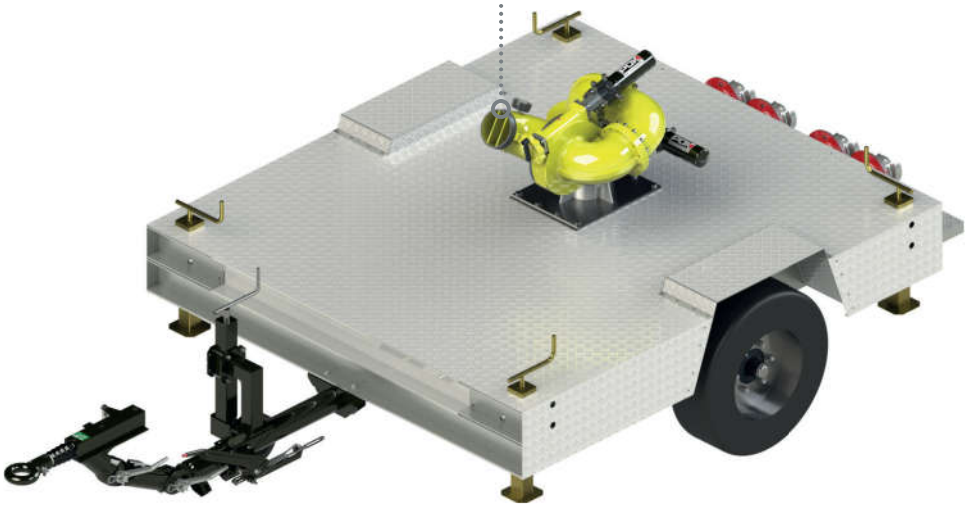


"Gearator" monitor 9000 made in stainless steel on a double axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel and a storage box. The monitor is supplied by four threads 4" BSP female with non return valve at the inlet. Flow rate is 15,000 lpm at 7 bar.

Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4'' BSP female	Flange 6'' ASA150	150	479 x 223 x 146		**15278**

Trailer type ''15000'' with Dicodoplus

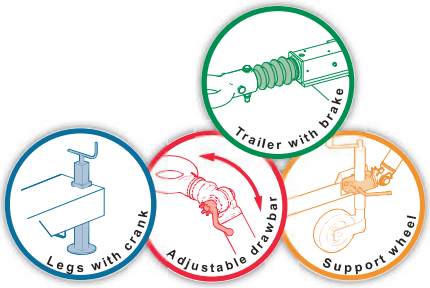


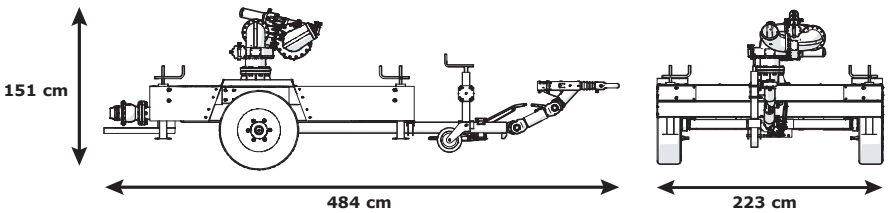


Material: aluminium alloy and steel
Max. weight on axle tree: 2500kg
Wheels dimensions: 225 75 R16
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable
Stands: 4x 1000kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES

Options: monitor, outlet equipment, dimensions, number of inlets





"Dicodoplus" motorised monitor made in aluminium on a single axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel and a storage box. The monitor is supplied by four threads 4" BSP female with non return valve at the inlet. Flow rate is from 10,000 to 15,000 lpm.

Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" BSP female	6'' BSP male	150	484 x 223 x 151		**34188**

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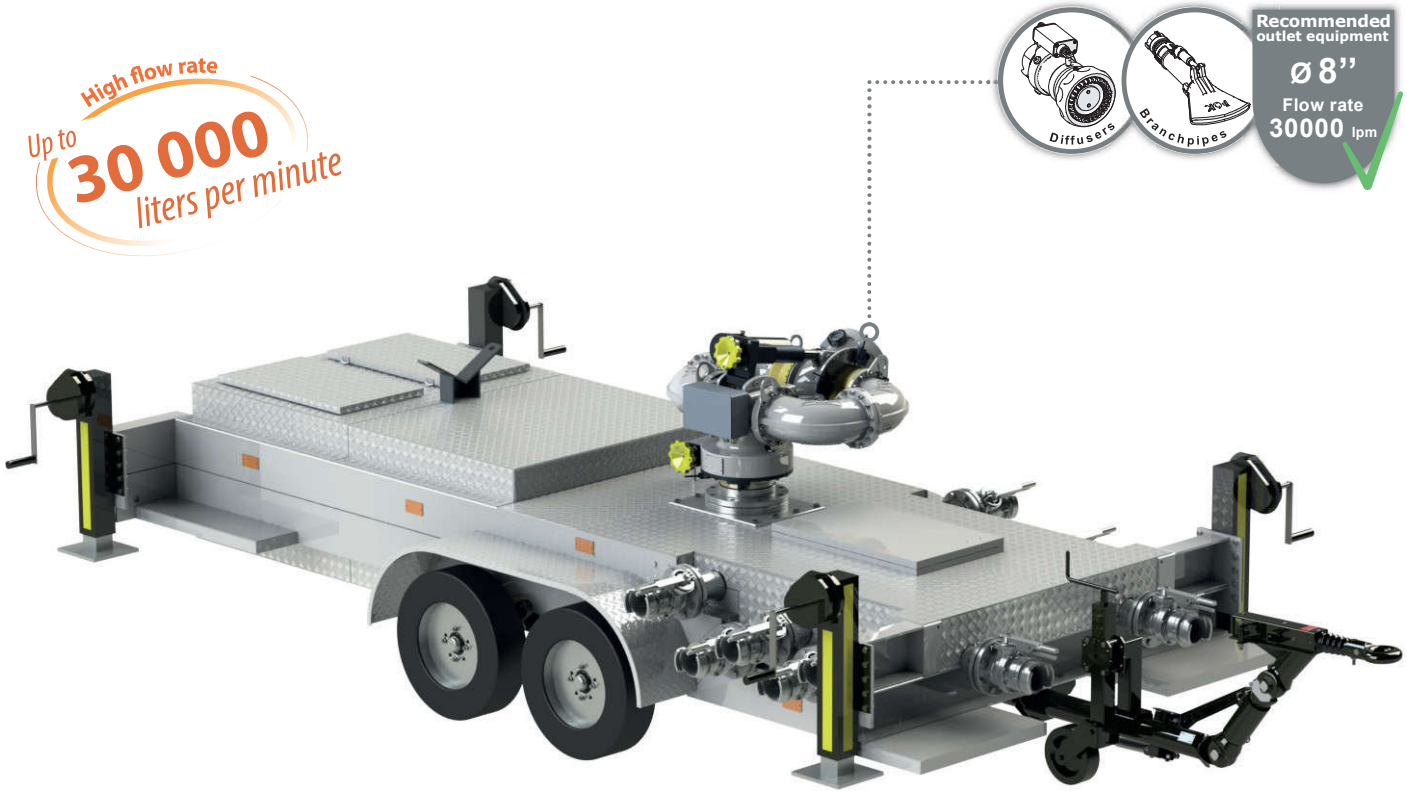
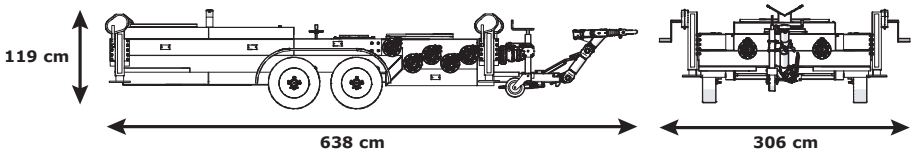
Trailer type ''30000'' with monitor DN200

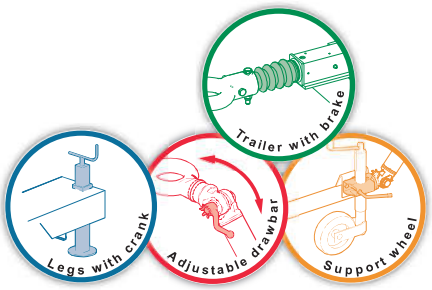


Material: aluminium alloy and steel
Max. weight on axle tree: 2x 1600 kg
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable
Stands: 4x 10t
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Ballast: 1300 L
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets

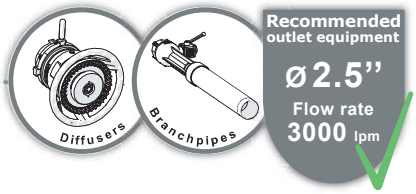




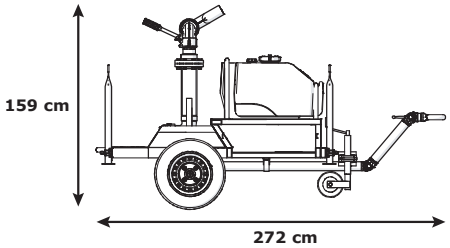
DN200 motorised monitor made in aluminium on a double axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel and two storage boxes. The monitor is supplied by twelve threads 4" BSP male with non return valve at the inlet. Flow rate is up to 30,000 lpm.

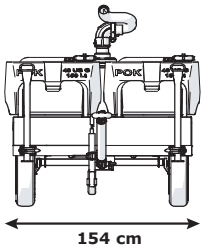
Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
12x 4'' BSP male	8'' BSP female	200	638 x 306 x 119		**34901**

Trailer type ''Tank 2x150L'' with Primator



Material: aluminium alloy and steel
Tank material: polyester
Max. weight on axle tree: 500 kg
Tank capacity: 2x 150 L
Wheels dimensions: 145 70 R13
"Jockey" wheel type: retractable
Stands: 4x 200kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 7 pins
Options: monitor, outlet equipment, dimensions, number of inlets





"Primator" monitor nozzle made in aluminium alloy on a trailer made in aluminium. This trailer is equipped with ajustable draught beam, four stabilising legs, lights, a jockey wheel, and two tanks of 150 liters made of polyethylene. The monitor is equipped at the inlet a single thread 4" BSP male and can have a 2.5" equipment at the outlet.

Inlet	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
4" BSP male	2.5" BSP female	80	272 x 154 x 159		**15107**

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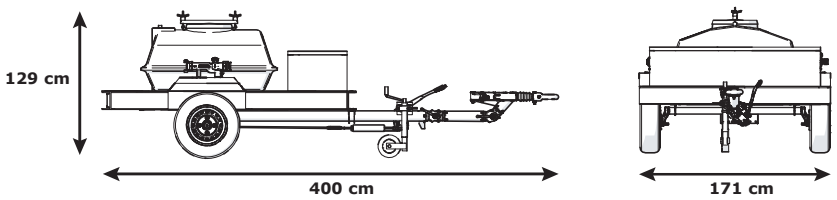
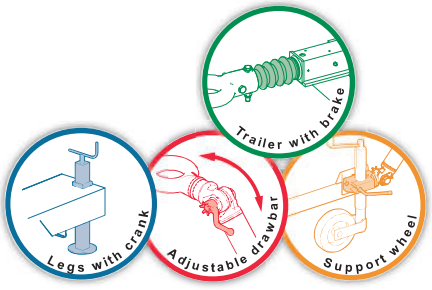
Trailer type 'Tank 500L''

Material: aluminium alloy and steel
Tank material: polyester
Max. weight on axle tree: 900 kg
Tank capacity: 500 L
Wheels dimensions: 165 70 R13
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets

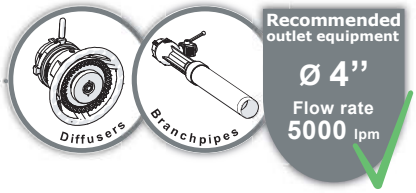




Trailer made in aluminium alloy single axle trailer with brake, draught beam, lights, a jockey wheel, and a polyester tank of 500 liters with manhole and gauge. This towable unit is also equipped with two mixy eductors and a storage box.

Dimensions (cm)	Weight (kg)	Ref.
400 x 171 x 129		**28107**

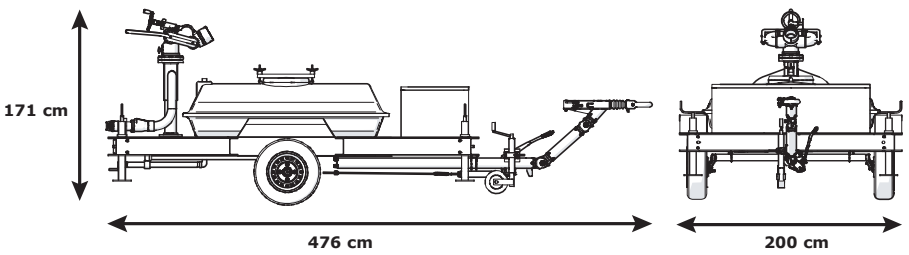
Trailer type ''Tank 1000L'' with Minotor

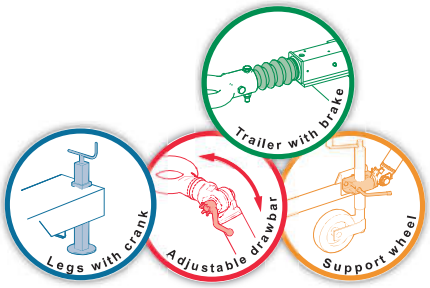


Material: aluminium alloy and steel
Tank material: polyester
Max. weight on axle tree: 1600 kg
Tank capacity: 1000L
Wheels dimensions: 185 R 14 C
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable
Stands: 4x 800kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets





"Minotor" monitor 5000 made in aluminium on a single axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel, a storage box, and a polyester tank of 1000 liters with manhole and gauge. The monitor is supplied by four threads 2.5" BSP male with non return valve, or two threads 4" BSP male at the inlet, and can have a 4" equipment at the outlet.

Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 2.5'' BSP male	4'' BSP female	100	476 x 200 x 171		**14384**

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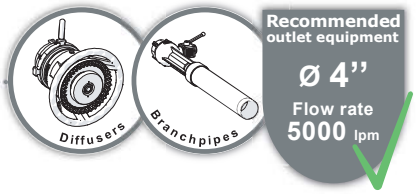
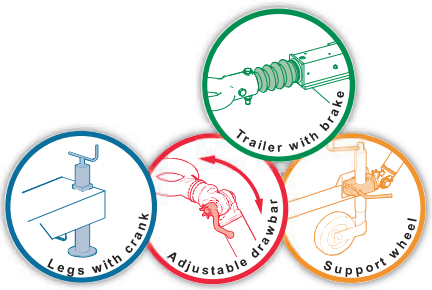
Trailer type ''Tank 1500L'' with Minotor

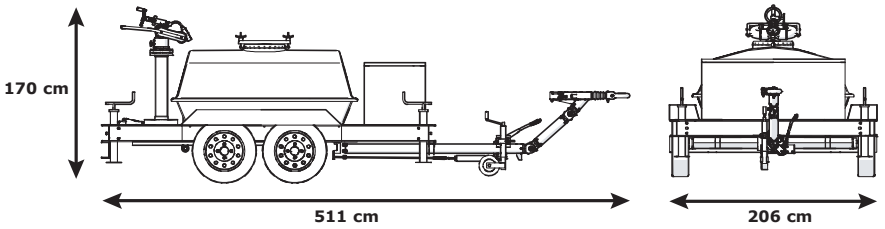


Material: aluminium alloy and steel
Tank material: polyester
Max. weight on axle tree: 2x 1300 kg
Tank capacity: 1500L
Wheels dimensions: 165 R14C
Brake on axle tree: YES
Ferin de parking: YES
"Jockey" wheel type: retractable
Stands: 4x 800kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets

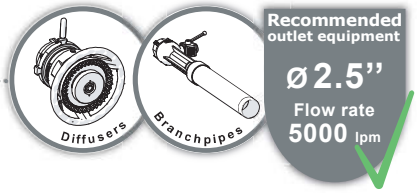




"Minotor" monitor 5000 made in aluminium on a double axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel, a storage box, and a polyester tank of 1500 liters with manhole and gauge. The monitor is supplied by four threads 2.5" BSP male with non return valve, or two threads 4" BSP male at the inlet, and can have a 4" equipment at the outlet.

Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 4'' BSP male	4'' BSP female	100	511 x 206 x 170		**15026**

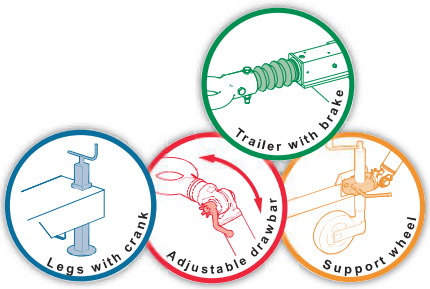
Trailer type 'Tank 2000L'' with LMP80

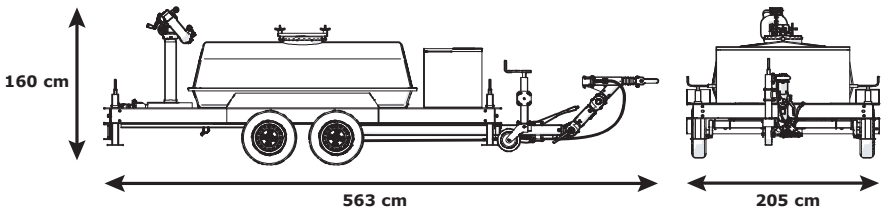


Material: aluminium alloy and steel
Tank material: polyester
Max. weight on axle tree: 2x 1300kg
Tank capacity: 2000L
Wheels dimensions: 165 R14C
Brake on axle tree: YES
Park brake: YES
"Jockey" wheel type: retractable with collar
Stands: 4x 800kg
Road signalling: traffic signal
Connection: normalized connector ISO 11446 - 13 pins

Storage box: YES
Flush: YES

Options: monitor, outlet equipment, dimensions, number of inlets





"LMP80" monitor made in aluminium on a double axle trailer with brake, trailer made in aluminium. This trailer is equipped with ajustable draught beam, four ajustable stabilising legs with crank handle, lights, a jockey wheel, a storage box, and a polyester tank of 2000 liters with manhole and gauge. The monitor is supplied by two threads 4" BSP male with non return valve at the inlet, and can have a 2.5" equipment at the outlet.

Inlets	Outlet	Pipe diameter (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 4" BSP male	2.5" BSP male	80	563 x 205 x 1600		**15352**

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