

**MICROTOR - Portable manual monitor - 1000l/min - 6 bar**

**DESCRIPTION**

Portable monitor composed of the following elements :

- A swivelling inlet.
- A Certified NF Matériel Sapeurs Pompiers DSP DN65 coupling.  
Or other type of couplings on demand.
- A body with integrated transport handle.
- A patented orientation device, with an orientation angle of 40°.
- Integrated nozzle :
  - **TURBOPONS 1000** with adjustable flow rate with positions at 250, 500, 750 and 1000 l/min at 6 bar.
  - **Turbomatic 1000**, with regulation of pressure. 1000l/min at 6 bar.
  - In both cases, the patterns are adjustable from straight jet to diffusion of protection with a 130° angle.
- Two foldable legs with carbide spikes.
- A anchorage belt.



**STANDARDS**

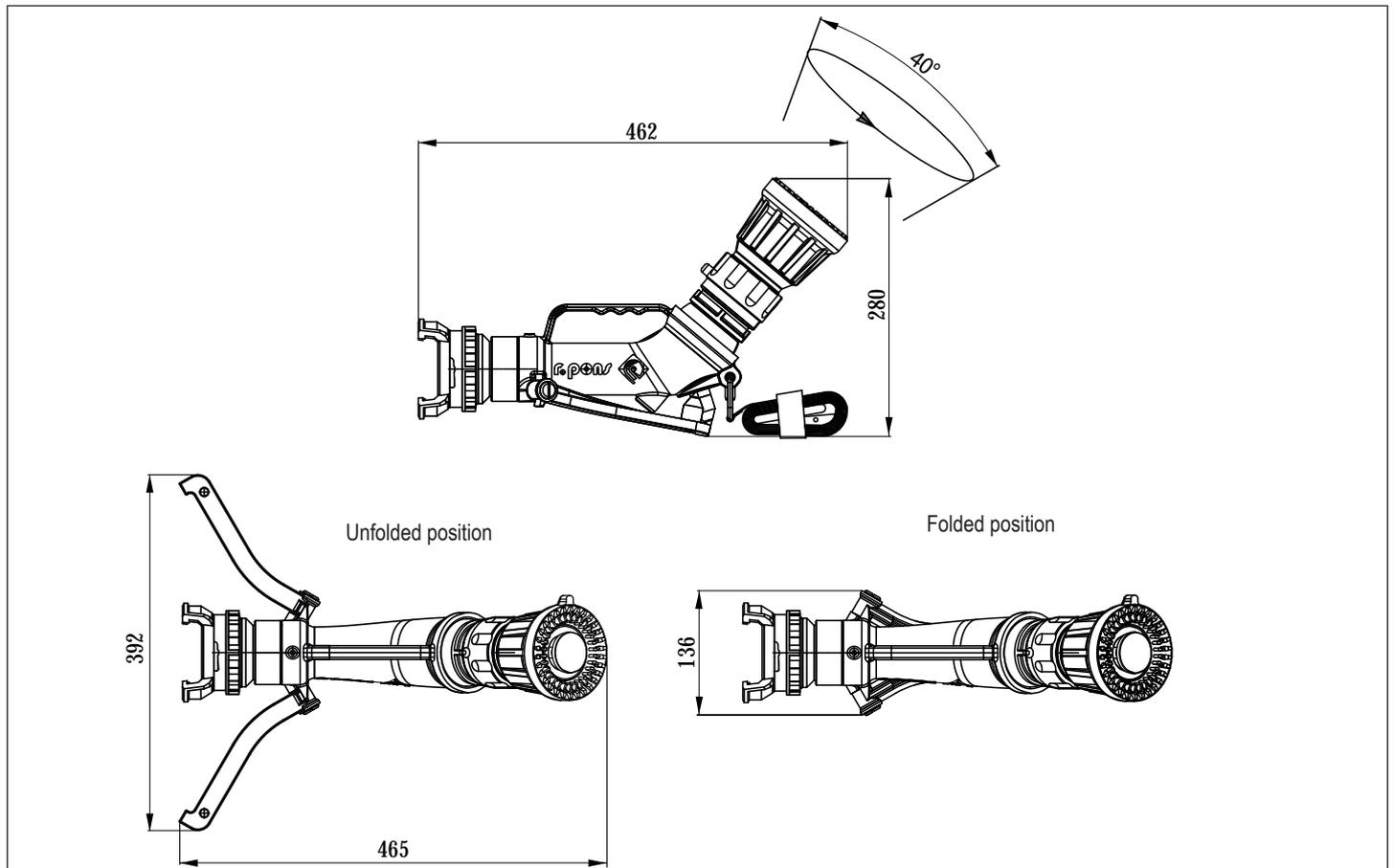
Monitor in compliance with :

- **NF EN 15767-1** : portable monitors :  
general prescriptions for portable monitors.
- **NF EN 15767-2** : portable monitors :  
Water diffusor.
- **NF S 61.701** : Fire Brigade equipment :  
Couplings for fire fighting.



**CONSTRUCTION**

Aluminum alloys of first fusion with heat treatment and protected against corrosion by black anodization.





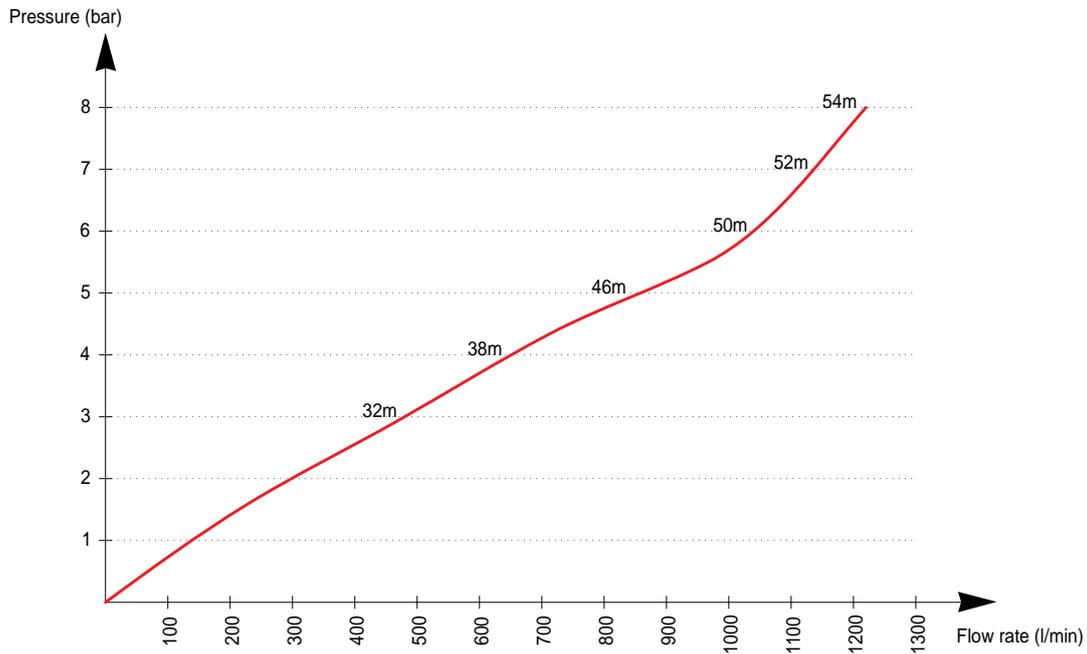
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**CHARACTERISTICS**

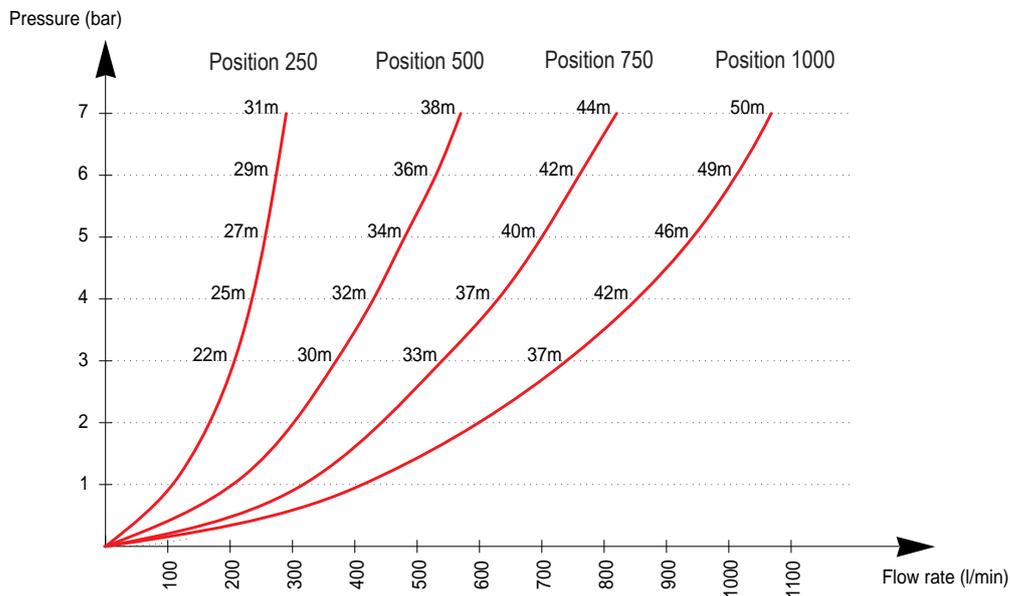
Type	Inlet	Reference	Weight (kg)
MICROTOR with adjustable TURBOPONS 1000 nozzle	DSP 65	<b>3467.5R26</b>	3,500
MICROTOR with adjustable TURBOPONS 1000 nozzle	2" Female thread	<b>3467.5R29</b>	3,100
MICROTOR with TURBOMATIC 1000, pressure regulation nozzle	DSP 65	<b>3467.5A26</b>	3,500
MICROTOR with TURBOMATIC 1000, pressure regulation nozzle	2" Female thread	<b>3467.5A29</b>	3,100

**HYDRAULIC PERFORMANCES**

**Microtor with TURBOMATIC 1000 nozzle**



**Microtor with TURBOPONS 1000 nozzle**



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**CAUTION**

Before use, check the good state of the package to insure that the product did not suffer any damage during transport.



**SAFETY**

- The instructions of use have to be known and followed by the end users.
- The end users have to receive a proper training.

**BEFORE EACH USE, CHECK :**

- The general condition of the monitor, the inlet and outlet couplings.
- There are no missing parts or damaged ones.
- That no "foreign" parts are plugging the monitor.
- The cleanliness of the coupling parts.
- The proper greasing of the coupling, operation and leg joint parts.
- The anchor spikes wear. Replace them if the wear is too important.
- The good condition of the belt and fixing device.

**BEFORE SETTLING THE MONITOR ON THE GROUND, CHECK :**

- There is no electrical wire nor water hose in the area the monitor has to be installed, in order to avoid the anchorage cramps to damage them.
- That the area around the monitor is clear.
- That the jet direction or an uncontrolled movement of the monitor cannot injure people around nor damage some materials.
- That the ground is hard enough, well flat and that there is no object or obstacle that could avoid a good anchorage of its spikes.



**Never install the monitor on a slippery ground (tiles, metal or similar type of ground) that would prevent the correct function of the spikes.**

**INSTALLATION**

- Unfold the legs of the monitor (**fig.1**).
- Settle the monitor on the ground near an element you can fix the belt on.
- Orientate the monitor in the required direction.
- Connect the feeding hose (**fig.2**).
- Anchor the monitor with the belt (**fig.3**).

**OPERATION**

- Orientate the nozzle in the required direction, the angle of rotation and elevation is 40°.
- Adjust the flow-rate (with TURBOPONS nozzle).
- Adjust the pattern.
- Slowly open the water supply to avoid the water hammer.

**AFTER EACH USE**

- Disconnected the feeding hose from the monitor.
- Fold the legs
- Roll up the belt

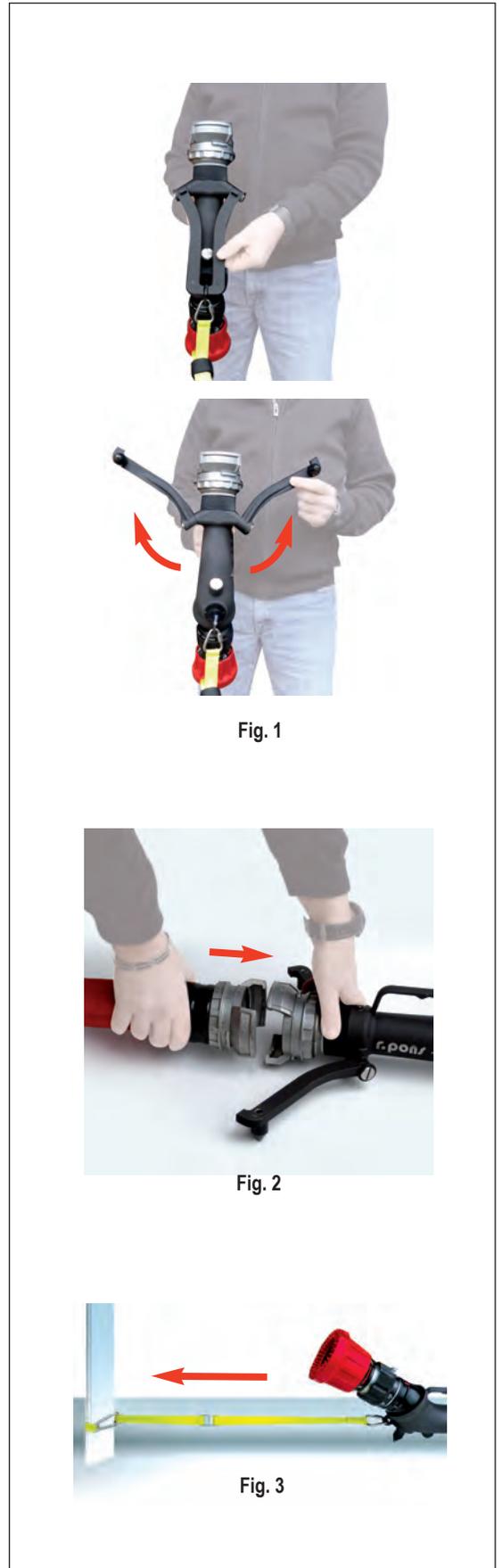


Fig. 1

Fig. 2

Fig. 3

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Greasing of the motion parts :

With a brush using waterproof adhesive grease (ex: Loctite 8101).

- spherical orientation device
- legs axis

Check the conditions of the monitor after each use :

- the easy folding of the legs,
- the wear of the spikes,
- if the swivelling inlet coupling is ok,
- condition of the inlet coupling (gasket),
- that no foreign element is stuck into the monitor body,
- the good operation of the flow rate and pattern selectors,
- the complete range of movement of the rotation sphere,
- the condition of the belt and the fixing device.



**COMPONENTS AND SPARE PARTS**

Rep.	Qty.	Designation
1	1	right leg
2	1	left leg
3	3	anchorage spikes

Rep.	Qty.	Designation
4	2	leg axis + position holding spring
5	1	belt and spring hook