



FIREFIGHTING EQUIPMENT



User manual



Primator 3000



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● Introduction

Please read carefully this operation manual, it contains important information which can avoid accident due to bad use of the equipment.

● Precaution of use

This nozzle is made to work with a flow rate of 3000 l/min (800 GPM) with an advised pressure of 7 bar (100 PSI). Equipment efficiency is not certain over those value.

The maximum working pressure is 16 bar, reliability is not certain over this value.

Only the staff trained on the equipment and aware of the security rules are allow to use or do maintenance on the monitor.

It is important to make sure the monitor is properly attached on its stand and that the stand will resist to the reaction force made by the nozzle. Ignoring this may cause important damage or be deadly. (Reaction force : about 190 Kg for 3000 l/min à 7 bar at the nozzle outlet).

Never face the jet or target someone, consequences may be deadly.

Please note that using the monitor may cause important damage in the area where the jet fall, make sure the area is secured before use.

● Dismantling and warranty

Excepted special agreement, the warranty is valid for 1 year.

The bill of materials included in this document are note dismantling guide.

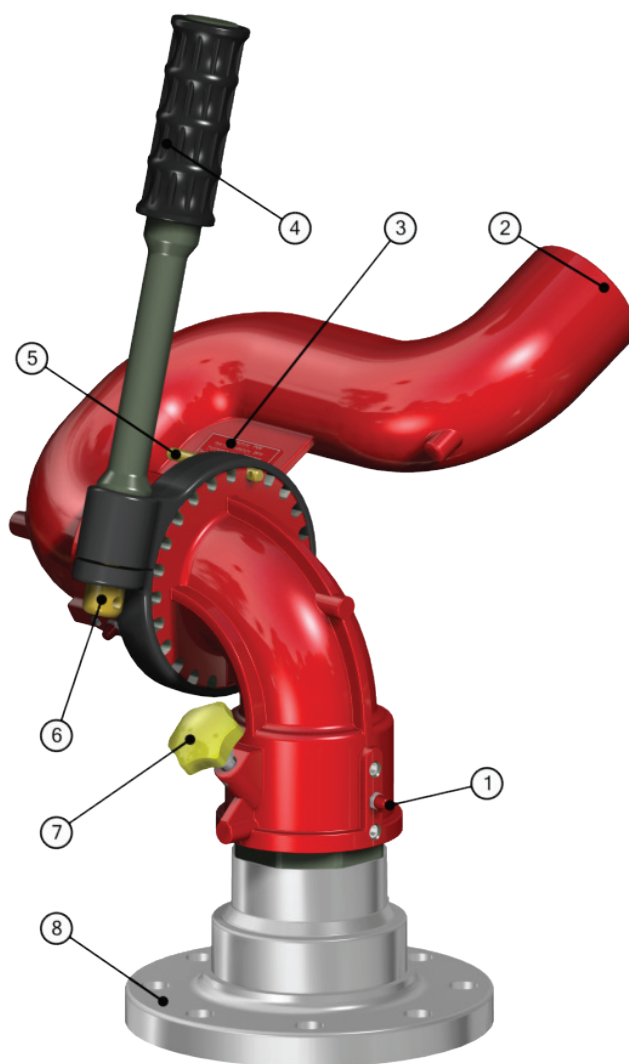
Dismantling the equipment outside POK factory cancel the warranty.

Do not modify the equipment it may not be working properly or be dangerous at use.

Only POK SAS can repair and guarantee the equipment working well and without danger.

If parts are changed outside POK factory, you must make the put back into service process to make sure everything is working well.

POK SAS can't be responsible of any damages following a dismantling outside its factory, modification or bad use of the equipment.



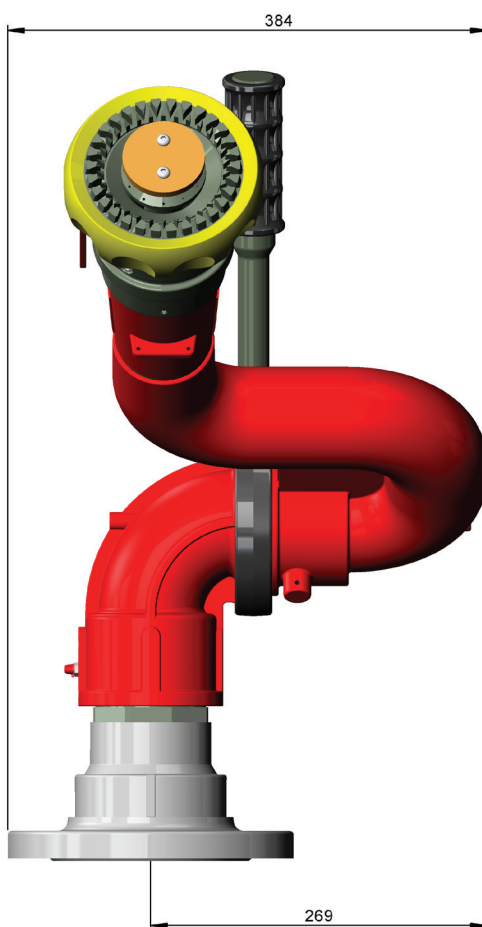
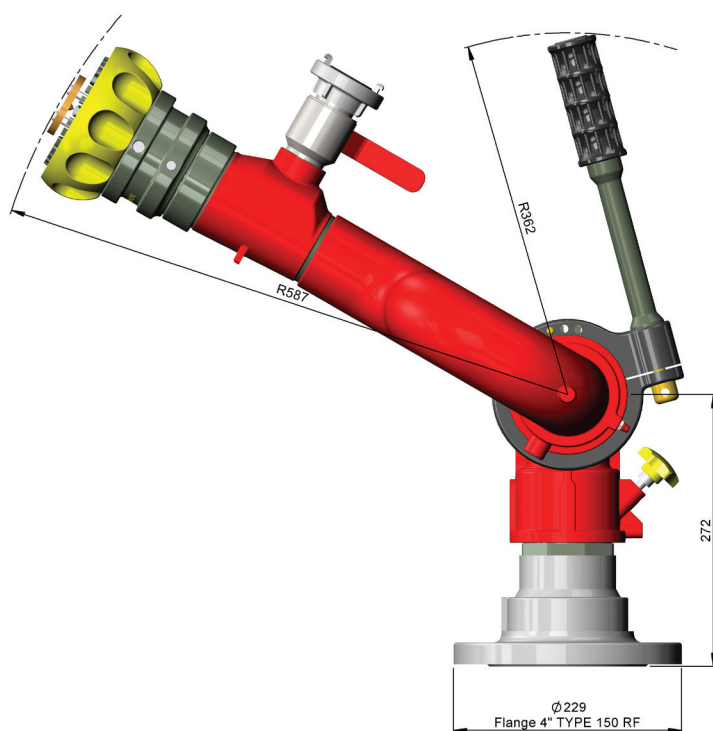
N°	VALUE
1	Greaser
2	Outlet female thread 2"1/2 BSP
3	Identification plate
4	Vertical adjustment handle
5	Vertical range locking pin
6	Screw for locking vertical adjustment handle in its position
7	Screw for locking horizontal range
8	Inlet flange

• Construction

FIELD	VALUE
Monitor	• Aluminium alloy
Friction part	• Stainless steel / bronze / brass
Screw	• Stainless steel

• Characteristics

FIELD	VALUE
Working pressure	7 bar - 100 PSI
Max. pressure	16 bar - 235 PSI
Max. flow rate	3000 l/min - 800 GPM Note : The flow rate is determined by the nozzle. The value above is the maximum value the monitor can use.
Horizontal range	360°
Vertical range	+90° to -55°
Range adjustment	• Manual horizontal and vertical adjustment, locking screw avoiding unwanted rotation.



Weight : 14 Kg

• Use

Before putting the monitor under pressure:

- **1** - Make sure no part are missing or damaged.
- **2** - Make sure the monitor is correctly attach on the inlet flange. All whole must have a screw, and all screw must be strongly tightened.
- **3** - Make sure the outlet equipment is properly connected.
- **4** - Make sure the stand is strong enough to resist to the reaction force.
- **5** - Be sure that the horizontal locking screw in locked.

For a better jet quality do not go over those value :

- Max flow rate : 3000 l/min (800 GPM)
- Working pressure : 7 bar (100 PSI)

Never target an area placed in the axis between the pump and the monitor inlet.

Do not target someone while the monitor is working.

If your monitor is equiped with a nozzle which has a spread jet position, make sure the area around the monitor is not sensitive to important water projection, before using this position.

• Cleaning the monitor

To ensure the monitor will work well :

- **1** - Clean up the monitor with clear water after each use.
- **2** - If the monitor was used with charged water or sea water, make the monitor working with clear water to evacuate corrosive particles which could damaged inside components.
- **3** - Do not use corrosive product to clean up the monitor, it could damaged the gasket and create leakage.
- **4** - Try to move the mobile parts, no parts must be hard to move or be blocked.
- **5** - Visually control the monitor to detect leakage.

• Spare parts

Some parts as gaskets may need to be changed more often depending on the use and storage conditions. Please contact our sales department to get information about after sales service, or to obtain spare parts. Use the bill of materials in this document to identify the spare parts you need.

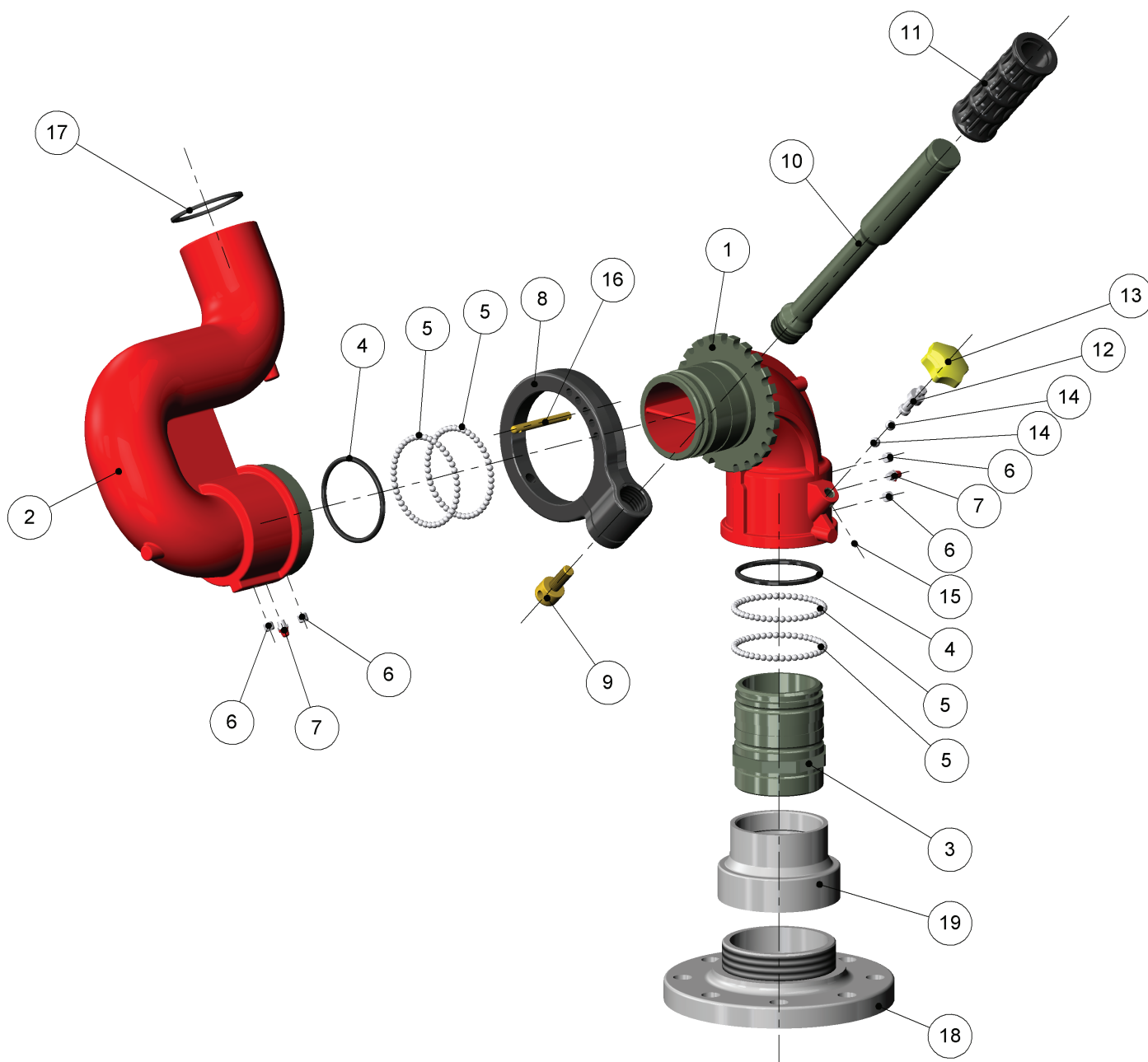
Note : The serial number of the monitor may be required to know your eligibility to warranty.

• Put back into service procedure

You must do this procedure before putting back your equipment into service :

- **1** - Make sure not parts are missing.
- **2** - No parts must be damaged.
- **3** - Connect a hose at the inlet / connect to the flange.
- **4** - Put a cap on the outlet thread.
- **5** - Test the monitor, increase slowly the pressure up to 16 bar (235 PSI) then look for eventual leakage.
- **6** - Put a nozzle on the outlet thread.
- **7** - Test the monitor in normal use conditions with a pressure of 7 bar. Make sure every parts move as they should, nothing must block. This must last 10 min.

If no problem have been encountered, the monitor may be put back into service.



REP	QTY	DESCRIPTION	REF
1	1	Inlet elbow	1519
2	1	Cygn neck "light"	1511
3	1	Swivel coupling DN 80 - Male part	3692
4	2	Gasket R 40	
5	176	Ball Ø6,35	
6	4	Screw STHC PL 1/8" BSP	
7	2	Greaser M8	
8	1	Ring	20968
9	1	Locking axis	20969
10	1	Manœuvre arm	17063
11	1	Sleeve for tube	12021
12	1	Screw for "star" type cap	17629
13	1	"Star" type cap Ø50	14347
14	2	Ball Ø10	
15	1	Screw STHC PL M5 - 6	
16	1	Pin	20065
17	1	Flat gasket 2.5" BSP	-
18	1	Flange 4" ASA 150	3681
19	1	Adapter FF 4" BSP / FF 3" BSP	2923