



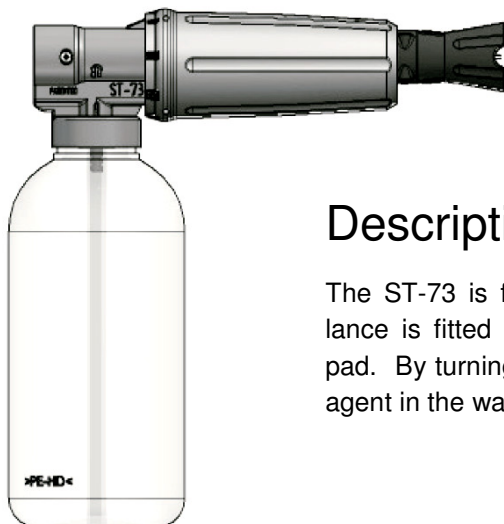
The choice of perfection

ST-73

Foam Lance Manual



- 5 position metering valve for chemical draw
- Stainless steel integrated non-corrosive injector
- Easy to fill wide mouth bottles with level markings.
- 1 & 2 litre bottle versions available



Description

The ST-73 is for foaming suitable foaming agents. The ST-73 foam lance is fitted with an interchangeable injector nozzle and a foaming pad. By turning an adjustable grip handle the concentration of foaming agent in the water can be adjusted.



General Safety Notes

- To guarantee safe operation the injector unit may only be used in accordance with these Operating Instructions.
- Keep these Operating Instructions in a safe place for later reference
- Please also observe the safety instructions for the detergent and if applicable of the pressure washer manufacturer
- Do not mix detergents
- Wear suitable protective clothing and gloves when working
- Never direct the high pressure jet at persons or other living creatures
- Read the safety data sheets and observe the corresponding safety and handling regulations



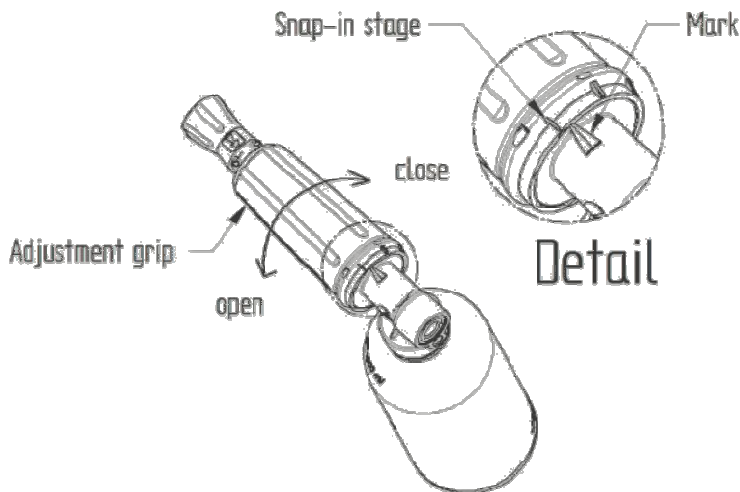
- Flush the foam lance internally with clear water after every use. Otherwise there is a risk that substances adhering together, will accumulate and adversely affect the proper functioning of the foam lance.



Intended Use

- The ST-73 foam lance is used for mixing foaming agent to water, foam agitation and then foam application.
- Only Pressure Equipment Directive (PED) group 2 liquids may be used as media. In case of doubt contact the equipment manufacturer.
- The unit is not designed for use with persons (inc children) with restricted sensory and mental capabilities, due to lack of experience and/or lack of knowledge unless they are supervised by a person responsible for their safety or if they have received instruction from that person in use of the equipment.
- In general children are forbidden to use this equipment

Operation Instructions

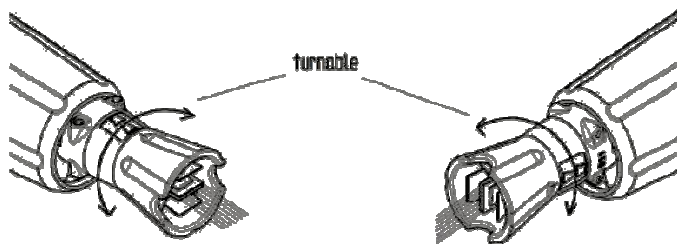


By turning the adjustable grip on the handle the quantity of foaming agent concentrate can be adjusted. In total the ST-73 has five fixed positioning points for varying the dosage. Selection is achieved by turning the adjustable grip.

Position	Dilution Rate
I	2-2.5%
II	4-4.5%
III	5-5.5%
IIII	6.5-7%
IIIII	7.5-8%



Flush the foam lance through after use internally & externally with clean water

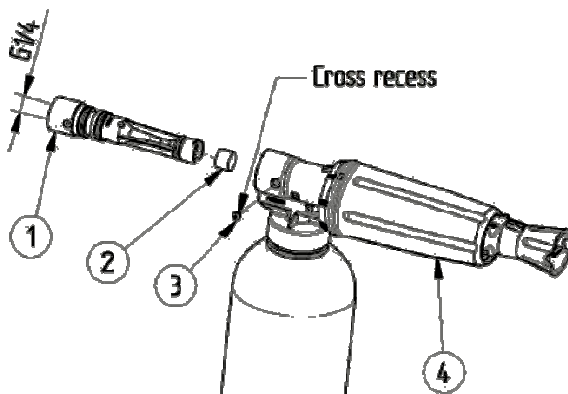


The flat steel nozzle at the end of the ST-73 foam lance can be rotated to any position. For this you only have to turn the nozzle guard in the desired direction.

Cleaning & Changing the filter pad

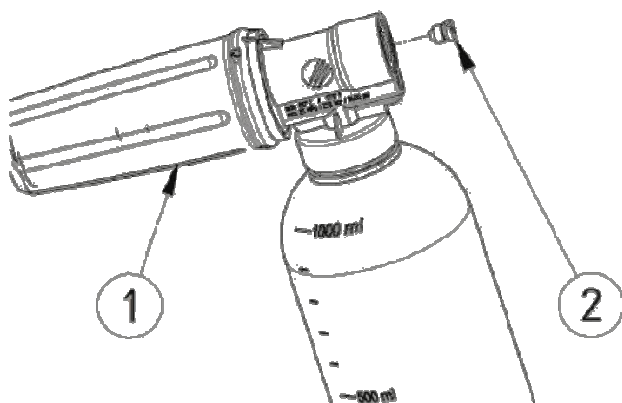
If the foam pattern is not as desired, amongst other things, the cause may lie with the filter pad or injector nozzle. If this is the case, you may need to carry out the following remedial steps:

Cleaning/Changing filter pad



1. Loosen the locking screw (3) with a cross head screw-driver
2. Screw a component with a 1/4" M thread e.g. a short tube, into the injector unit (1)
3. Withdraw the injector unit slowly from the ST-73 foam lance (4)
4. From the injector unit (1), remove the foam pad (2)
5. Rinse the filter pad under clean running water and if the pad (2) is damaged, replace it. (Part No: 040073503)
6. Check to see, before reassembling the foam lance, whether all o-rings on the injector unit are in serviceable condition, and replace if required

Cleaning & changing the injector nozzle



Cleaning/Changing the injector nozzle

1. Unscrew the injector nozzle (2) from the ST-73 foam lance (1)
2. Check to see whether the injector nozzle (2) is only lightly soiled, in which case careful cleaning by inserting a suitable piece of wire or similar, will usually clear the problem. It is recommended to rinse the injector nozzle under clean running water and the nozzle should be aligned with the direction of the water throughput.
3. In the event of high soiling, dirt or damage the only remedy is to exchange the injector nozzle (2).

Parts Available

ST-73, 1.25 + 1ltr	200073500
ST-73, 1.25 + 2ltr	200073510
ST-73, 1.8 + 2ltr	200073610
Foam Pad/Filter	GS25151251
Spare 1ltr Bottle	020073513
Spare 2ltr Bottle	020073520
1.25 Injector Nozzle	040073502
1.8 Injector Nozzle	040073511



Technical Data

Model	ST-73
Max Pressure	300 bar
Min Pressure	70 bar
Max Flow 1.25 Nozzle	12lpm
Max Flow 1.8 nozzle	27lpm
Weight	0.5kg