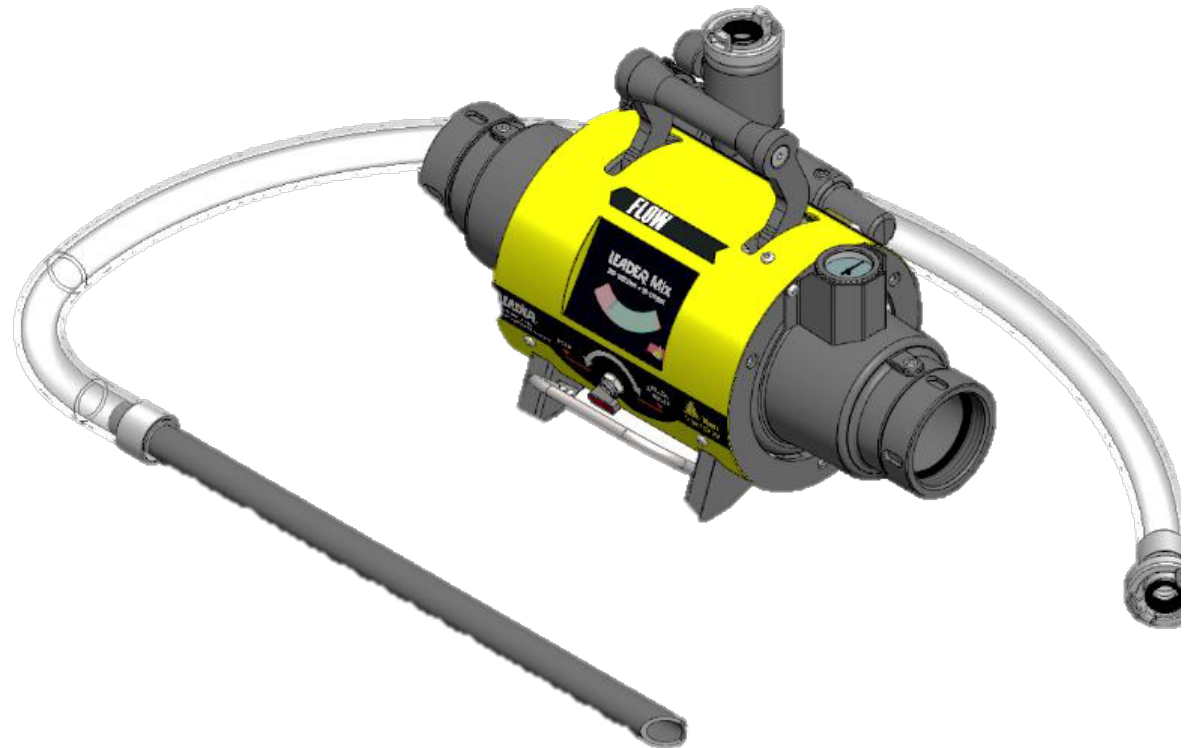




Leader Mix 200 - 1000 V2 Portable and Vehicle configurations





Introduction

The LEADER Mix 200-1000 v2 is a variable-rate foam dosing system that allows the injection of an emulsifying liquid into a pressurized water system.

It exists in 2 versions: Portable or Vehicle. A remote console option is available for the vehicle version.

The LEADER Mix 200-1000 v2 adapts automatically to the flow requirements of multiple hose and nozzle layout configurations. Whilst the principle of operation is based on venturi design and is similar to traditional inline eductors the Leader mix patented balanced pressure and flow system is simple to use, reliable and accurate .

Leader mix 200-1000 has been developed, tested and proven for use with new generation foams in mind

Leader Mix 200-1000 V2 is autonomous in it's operation without the requirement of electrical power.

Rinsing and purging the system after each use is the only maintenance required.



Optional remote control panel (for Vehicle installations)

For the vehicle version, some features of the LEADER Mix 200-1000 v2 can be operated from a remote panel, (ref. I40.90.300), which is simple to install.

The remote panel allows you to:

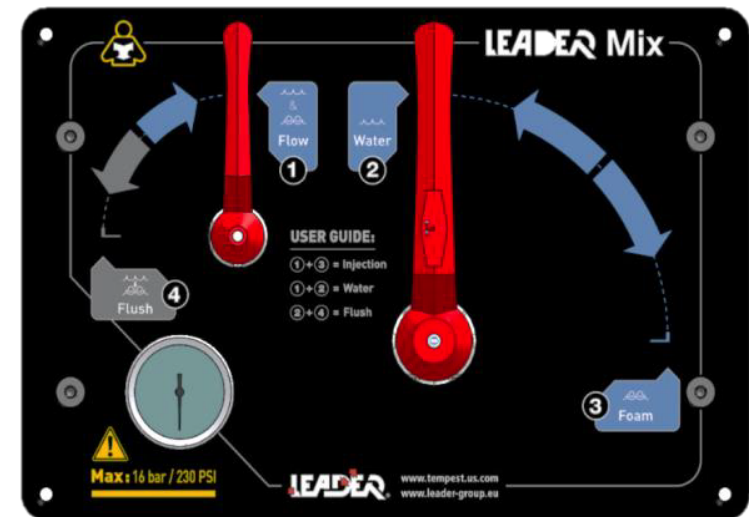
- Read the inlet pressure at the inlet (or outlet according to the connection made) of the LEADER Mix 200-1000 -v2.
- Adjust Foam percentage rates.
- Turn system on/off
- Rinse the system.

Remote panel connection kit (Optional) includes

Remote Panel-

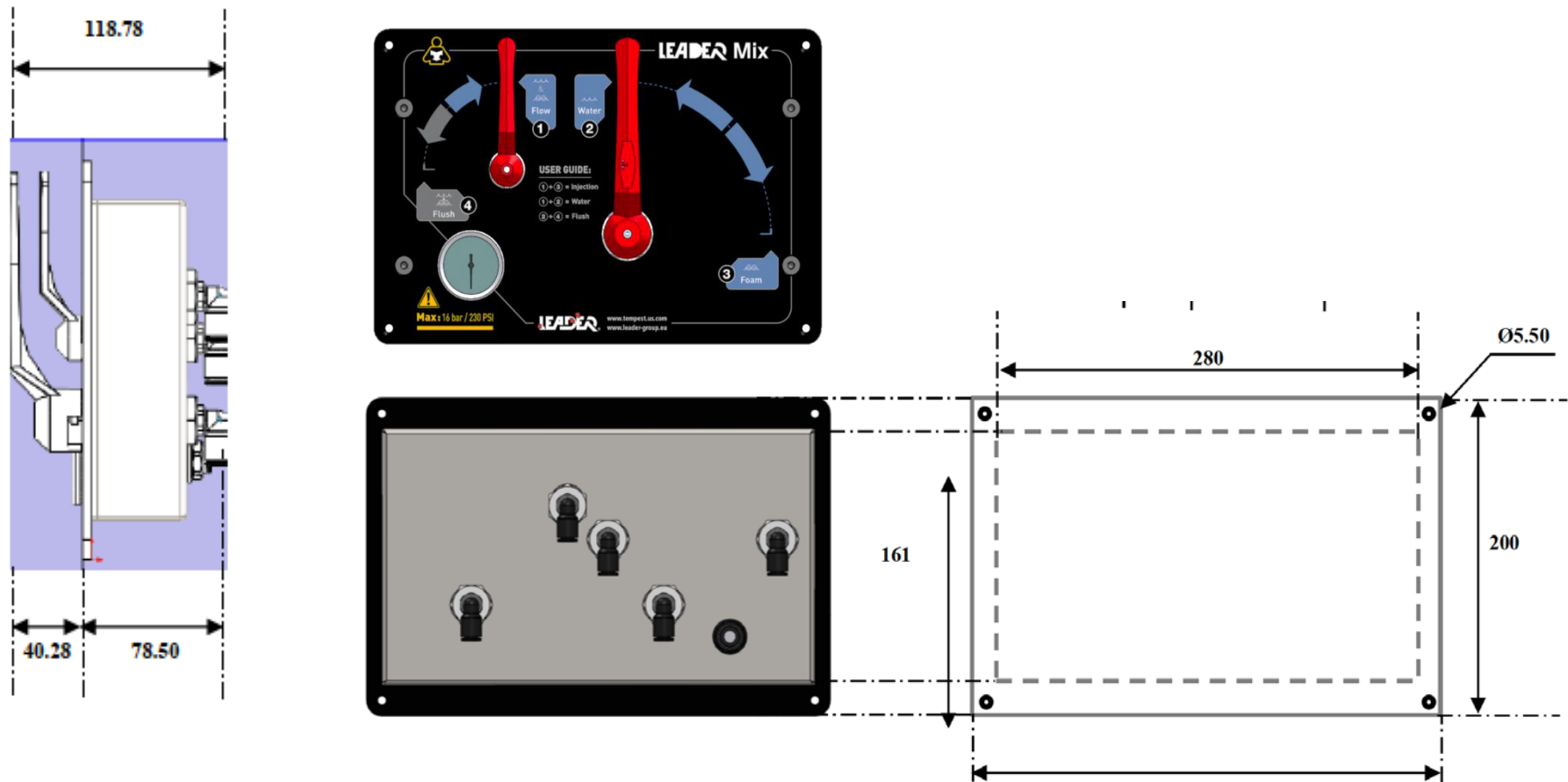
1 x banjo 1 / 8"Ø8 push in connector

1 x banjo 1 / 4"Ø8 push-in connector



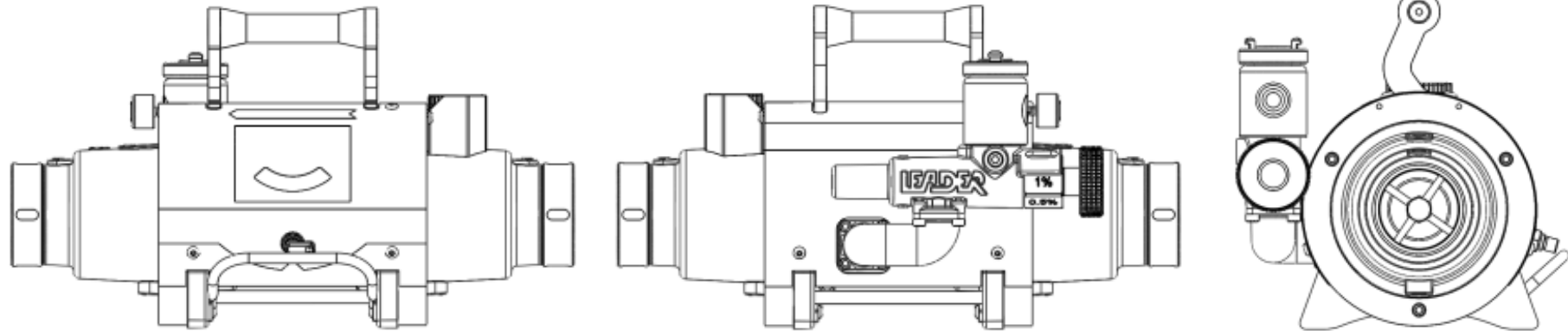


Optional remote control panel - Dimensions





General Layout (Portable Version Shown)



Portable Version Dimensions

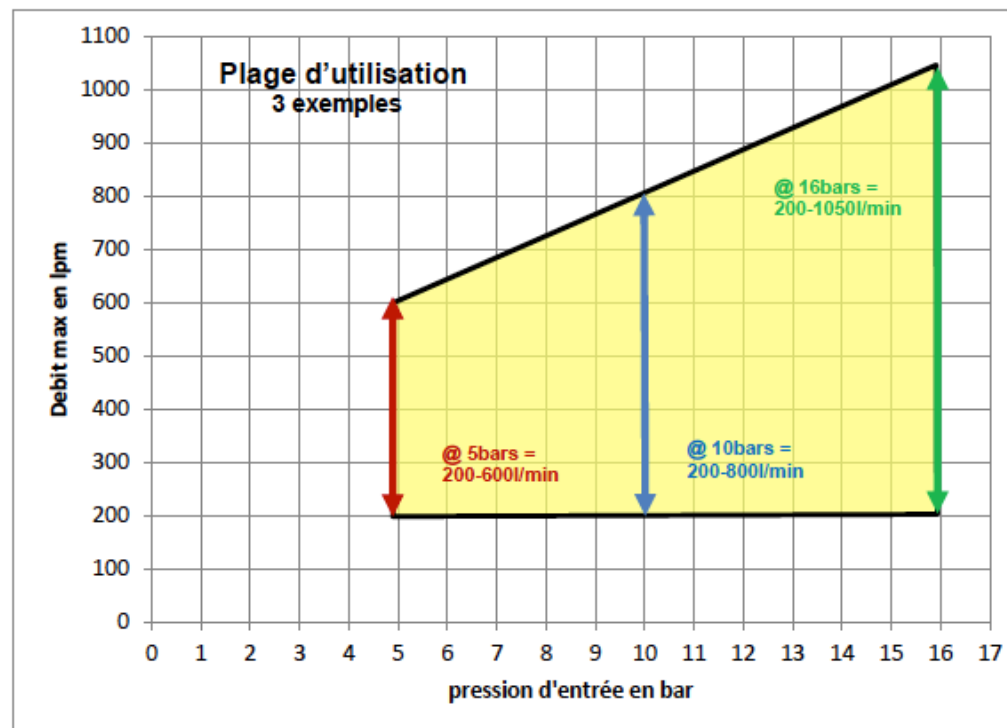
Length - 486 mm
Height - 237 mm
Diameter - 274 +/- 5mm
Weight - 14 Kg

Vehicle Version Dimensions

Length - 486 mm
Height - 237 mm
Diameter - 274 +/- 5mm
Weight - 14 Kg

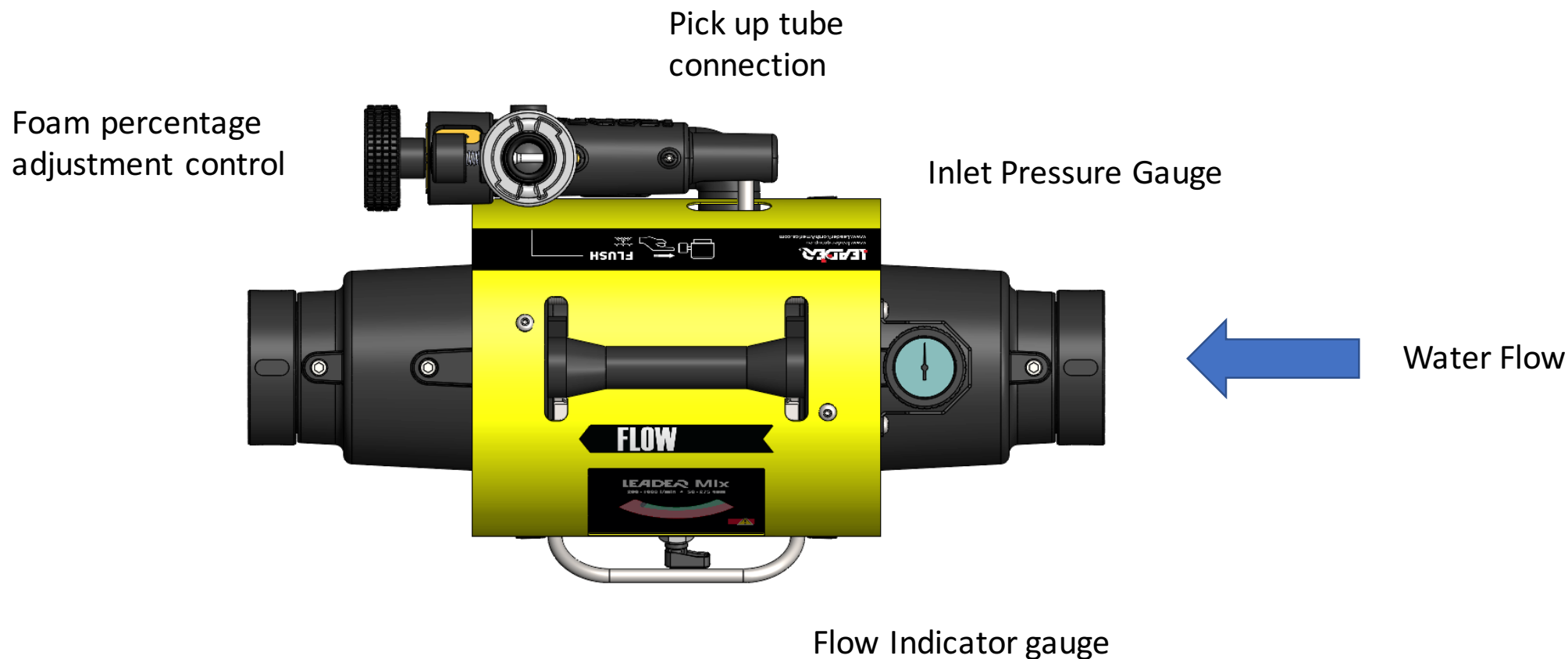


The LEADER Mix 200-1000 v2 is equipped with a pressure gauge.
The operating range of the Leader Mix 200-1000 v2 is variable depending on its supply pressure. This table is used to compare the flow range according to the available pressure





LeaderMix 200-1000 V2 - Plan View

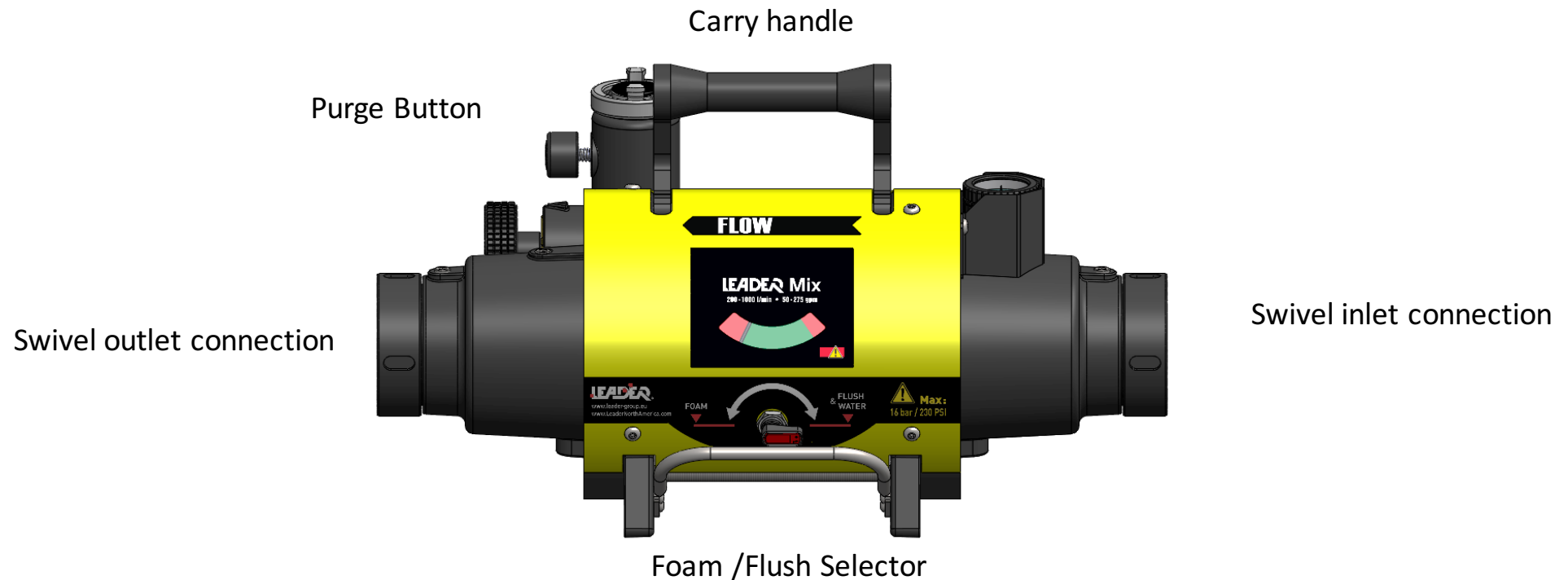




BRT Fire & Rescue Supplies



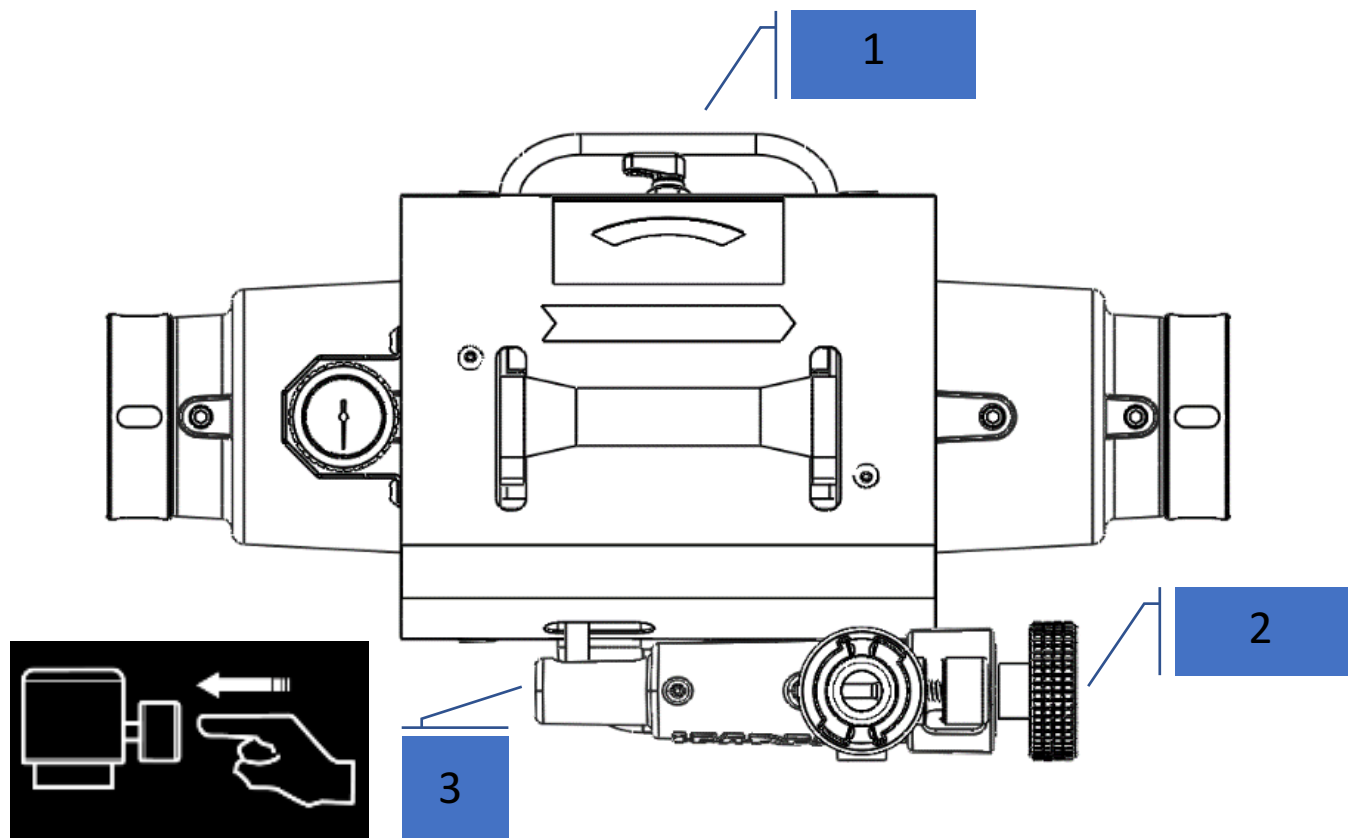
LeaderMix 200-1000 V2 - Side View





There are three adjustment controls: -

- 1 - Injection selector -
- 2 - Dosing selector -
- 3 - Foam Purge button





Commissioning

Important !

Instructions prior to commissioning:

On delivery, visually inspect the LEADER Mix 200-1000 v2 and its accessories to ensure that no damage has occurred during transport before use.

Make sure that each person in charge of this unit is familiar with the operation of the Leader Mix 1000 v2, understands the safe use and precautions.



Operating Instructions

Step 1: Place the LEADER Mix 200-1000 v2 on the floor, Check to ensure dirt or debris is not present inside the inlet.

Step 2: Connect the feed hose. Check the feed connection corresponds Leader Mix directional flow arrow.

Step 3: Select the foam education rate by turning the dosing dial to the desired position.

Step 4: Connect the hose of the pick up tube to the LEADER Mix 200-1000 v2 and immerse the spike into the foam concentrate.

Important ! Do not change the length or diameter of the pick up hose or tube. This will directly affect performance.

Step 5: Turn on the water supply and regularly check the inlet pressure gauge and the operating indicator that the operating range is correct.
* Minimum 5bars at 200 L / min, Maximum 16bars 1050 L / min.

Step 6: Set the injection selector valve to "FOAM"

Step 7: To stop the injection of the foam, simply move the injection selector valve to the "FLUSH & WATER" position.

After use care: Flush thoroughly for 2 minutes or until there is no foam residual foam present.
Stow in truck dry.



Flushing and Cleaning Instructions

Step 1: Set the injection selector valve to the "Water Flush" position

Step 2: Flush thoroughly for 2 minutes or until there is no foam residual foam visually present.

Step 3: Disconnect all hose connections and wash/clean unit including residual foam from pick up tube/hose.

Step 4: Open all valves and drain entirely of water

Step 5: Inspect for visual damage to external body and fittings.

Step 6: Stow in vehicle dry