



# LEADER Mix 200 - 1000 v2

AUTOMATIC SYSTEM FOR PROPORTIONING ALL TYPES OF FOAM CONCENTRATES FROM 0.3% TO 6%

## AUTOMATIC & AUTONOMOUS INDUCTOR :

- ▶ **Ideal compromise between conventional venturi inductors and traditional automatic systems** because of the wide range of flow rates and injection ratios available
- ▶ **Autonomous:** Does not require power supply
- ▶ **Reduced maintenance** due to the simple mechanical design



## KEY POINTS

- ▶ Reliable and accurate
- ▶ Produces foam every time
- ▶ Wide range of flow rates
- ▶ Efficient foam use
- ▶ Compact
- ▶ Reduced maintenance (no electronics)

## LARGE RANGE OF USE:

- ▶ Replaces 3 conventional inductors (200, 400 and 800)
- ▶ Wide range of flow rates from 200 to 1050 l/min
- ▶ Wide operating pressure range from 5 to 16 bar
- ▶ Metering accuracy meets EN16712 standard

## REDUCED CONSUMPTION OF INJECTED FOAM CONCENTRATE

- ▶ **Accurate metering** of foam concentrates from 0.3% to 6%
- ▶ **Adapts itself automatically** to the selected flow rate at the nozzle

## CREATE SUCTION EVERY TIME FOAM IS DESIRED !

- ▶ Instant injection of foam concentrate even during Pulsing
- ▶ Works even below 10 bar
- ▶ Independent of flow rate variations

## 2 VERSIONS AVAILABLE:

- ▶ **Fire vehicles or fixed foam extinguishing systems (with optional remote control panel)**
- ▶ **Ground applications (hose lay)**

## ADDITIONAL FIELD BENEFITS...

- ▶ Water position ("no foam concentrate injection" position): Below 800 l/min, it generates less pressure losses in the water position than traditional venturi injectors: only **0.8 bar pressure loss at 500 l/min**
- ▶ Inlet pressure gauge
- ▶ Simple push button flush valve

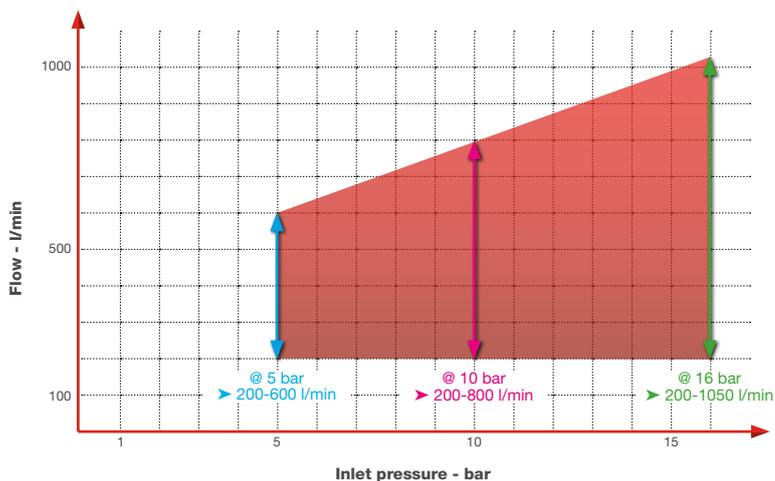


## TECHNICAL CHARACTERISTICS :

Model LEADER Mix 200 - 1000	Portable version	Vehicle version
Reference	I40.90.100	I40.90.102
Operating flow rate	200 to 1050 l/min	
Operating pressure	5 to 16 bar	
Proportioning rates	0.3%, 0.5%, 1%, 3%, 6%	
Inlet and outlet couplings	Swivel coupling	
Inlet and outlet threads	2.5" G female	
Storage temperature	-20°C to +60°C	
Operating temperature	Above freezing to +50°C	
Pressure loss	35%	
Pressure gauge at inlet	Yes	
Weight	14 kg	13 kg
Dimensions L x H x W	486 x 237 x 274 mm	486 x 215 x 274 mm
Carrying handle	Yes	No
Suction wand	Suction hose equipped with a pick up tube - L2.5m / 1" D Storz	No
Input foam concentrate supply	D Storz quick connection	1" BSP female
Non-return valve on foam inlet	Yes	
Flush button	Yes	No

## OPERATING RANGE

### 3 examples



## OPTIONS :

### Remote control panel : ref. I40.90.300

- ▶ To show the inlet pressure of Leader- Mix
- ▶ To set the bypass button position (water or Foam)
- ▶ To rinse the device
- ▶ Dimensions: 30 x 20cm and only 8cm in thickness inside the truck
- ▶ Easy to link to the Leader Mix

### Hoses to link LeaderMix to remote control panel : ref. 2009117

- ▶ 8mm pneumatic hose
- ▶ 22 bar maximum operating pressure
- ▶ Black color
- ▶ 6 lines needed between LeaderMix and panel (pressure gauge, flush valve...)

