



**NEW**

# FOAM EQUIPMENT

Designed by

**LEADER**<sup>®</sup>

# LEADER FOAM EQUIPMENT

For a variety of foam applications!

## INDUSTRIAL AND URBAN FIRES

### UPRIM – Portable foam unit

A compact and constantly ready-to-use foam fire-fighting means



- Polyethylene tank and immersion pipe of corrosion-resisting stainless steel.
- Models: Interchangeable Low Expansion and Medium Expansion nozzles via quick connection
- Flowrate: 60 l/min
- Concentration proportioning: 0.5%, 1%, 3% and 6%
- Weight (empty): 3.3 kg
- Capacity: 10 litres
- Dimensions: 630 x 365 x 185 mm
- Couplings on request

### LEADER Mix 200 ou 400 *FiberTech*®

High precision venturi Inductors / Proportioners



- Body and dosing knob **made of FiberTech® composite material:**
  - Lower weight
  - Anticorrosion
- Concentration proportioning: 0.25%, 0.5%, 1%, 3% and 6%
- Flowrate: 200 or 400 l/min at 10 bar
- Suction flexible hose 1.5m + pick up tube 1m long
- Relief ball valve
- Screws and axis made of stainless steel
- 2" Inlet / 2" Outlet
- Couplings on request

## *FiberTech*®

### THE NEW **COMPOSITE MATERIAL**

FOR LEADER NOZZLES, INDUCTORS, AND WYES

#### **Composite challenges aluminium and brass!**

- **Far lighter**
- **Equal mechanical strength and durability**
- **Far higher corrosion resistance:**
  - with foam concentrates
  - in saline environments
- **Equal resistance to chemicals**
- **Thermal resistance:** No mass deformation under effect of strong heat
- **Electrical insulation:** Better operator protection

### EXPANDER *FiberTech*®

Low expansion foam nozzle



- Nozzle made of **FiberTech® composite material**, corrosion-proof with hard anodized aluminium polyester lined cylinder
- Ultra compact (short cylinder)
- Ball valve
- Swivel inlet
- Expansion x10
- Flowrates: 200 or 400 or 800 l/min at 5 bar
- Lengths: 340 mm (200 and 400 l/min) / 406 mm (800 l/min)
- Optimised ranges: 31 m (200 l/min) / 35 m (400 l/min) / 40 m (800 l/min)
- Weight: 1.7 kg (200 and 400 l/min) / 2.7 kg (800 l/min)
- Couplings on request

## LEADER Mix 200-1000 – Automatic and autonomous proportioner

Precise proportioning even with flowrate variations!

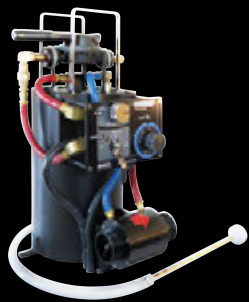


- **Simple mechanical design**
  - No electric power supply
  - Low maintenance
- **Wide range of flowrates: 200 to 1050 l/min from 5 to 16 bar**
- **Reduced consumption of injected foam concentrate:**
  - Accurate metering from 0.3 to 6%
  - Automatically adapts to selected flowrate
- **2 versions available: Portable or for fixed installation**
- **Lightweight and compact**
  - Weight: 14 kg
  - Dimensions: 478 x 224 x 264 mm
- Couplings on request

## FOREST FIRES

### FLOWmix – Automatic foam proportioning system

Intended for class A additives



- Allows foam concentrate to be stored and injected with very accurate proportioning capability
- Based entirely on automatic mechanical principle not requiring source of energy and operating downstream of the pump
- Precise metering: 0.1%, 0.2%, 0.3%, 0.4%, 0.5%, 0.7%, 1% and 3%
- Operating pressure: 1.5 to 30 bar
- Flowrate: from 20 to 2000 l/min for a concentration of 0.1 to 1% and up to 500 l/min at 3%
- Storage capacities: 19 to 90 litres

### TWIN ACTION *FiberTech*<sup>®</sup>

Multifunctional water / foam nozzle



- Body **made of FiberTech® composite material** anti corrosion
- Provided with sliding ring for selecting water or foam position.
- Expansion by approximately x10 when supplied with pre-mix (outlet ring).
- Change from straight jet to diffused jet by head rotation.
- Ball valve
- Swivel inlet
- Flowrate: 250 l/min at 6 bar
- Weight: 1.5 kg
- Couplings on request



Also discover our ranges of:  
**NOZZLES, MONITORS AND WYES**





# WE LISTEN TO OUR CUSTOMERS TO DESIGN **TOMORROW'S** EQUIPMENT



Foam concentrates & foam proportioning



Mobile ventilation



Search and Rescue equipment



Fire training equipment



Thermal imaging



Fire extinction

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