

# Vector & Partner

TRANSFORMABLE AND  
PORTABLE MONITORS

- Complies with pr EN 15767
- Powerful
- Compact
- Safe



# Vector & Par

## SAFE, R POWE

### Vector S



**Safety system\*:**

Flow-rate automatically drops to 600 l/min if the monitor lifts



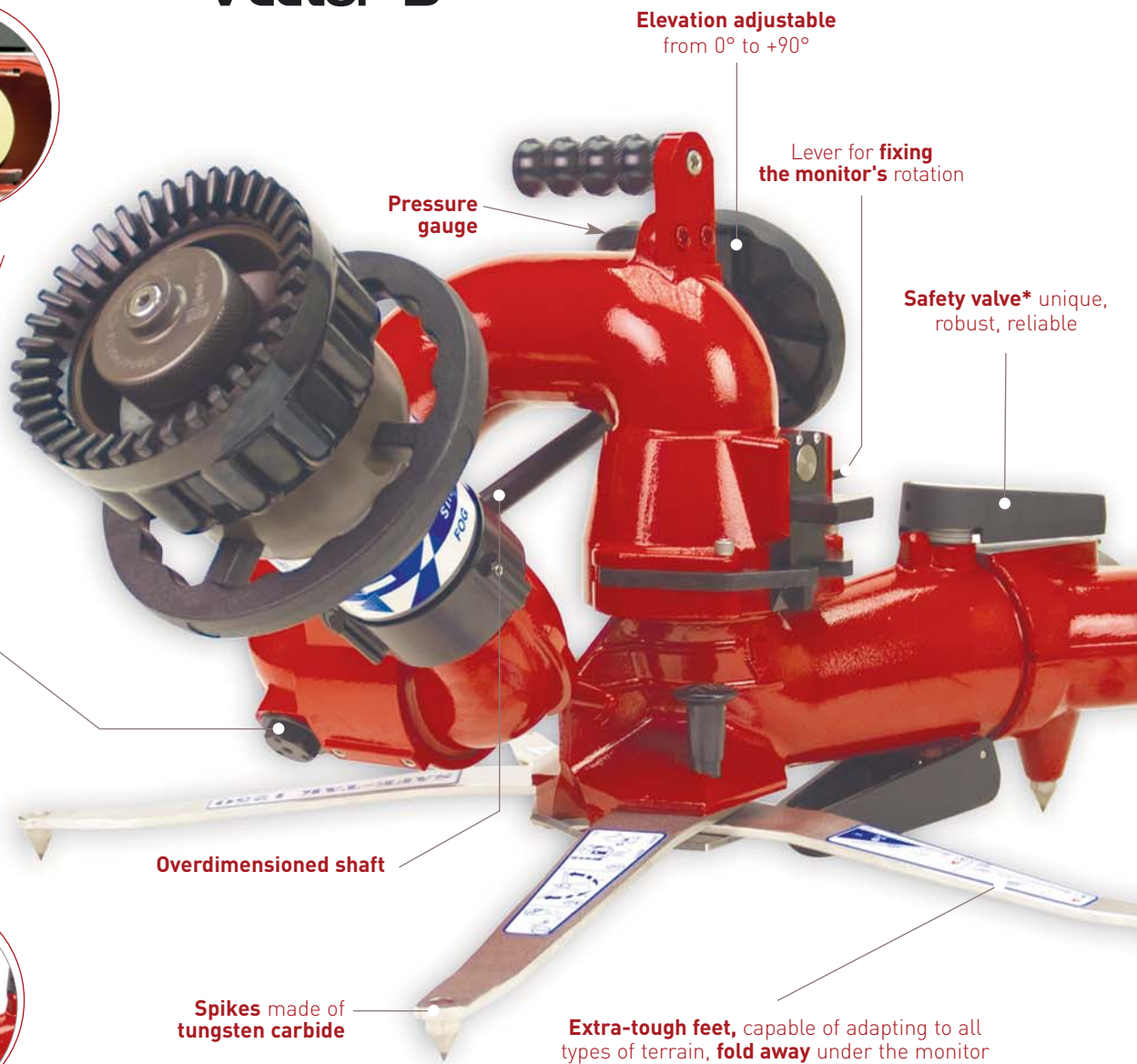
**Anti freeze automatic flush.**

Makes dismantling after operation easy



**Fast fit mechanism**

on the turret, with lock allowing instant operation



Elevation adjustable from 0° to +90°

Lever for **fixing the monitor's rotation**

Pressure gauge

**Safety valve\*** unique, robust, reliable

Overdimensioned shaft

Spikes made of tungsten carbide

Extra-tough feet, capable of adapting to all types of terrain, **fold away** under the monitor

### The pluses that

**SAFETY**

Automatic anti-lift or anti-slip safety system.

- Rotating and/or vertically orientable inlet connector.

Tungsten carbide spikes at the ends of the feet giving excellent ground holding stability.

- Safety strap.

**ROBUSTNESS**

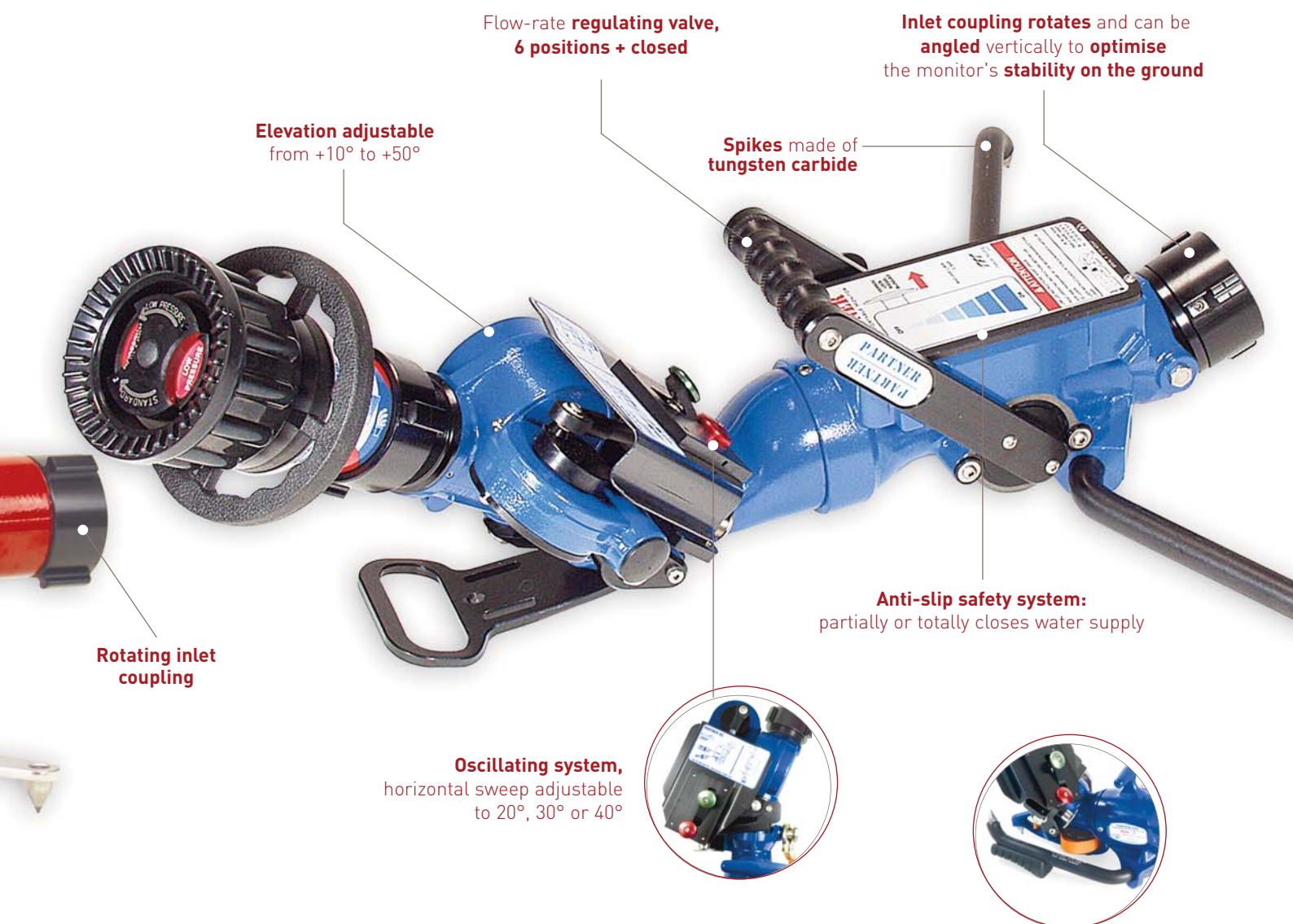
The choice of materials (hard anodised aluminium, epoxy coating, stainless steel) together with the precision of the machining guarantee performance under pressure and resistance to corrosion.

- Complies with pr EN 15767

# Partner MONITORS

## ROBUST, EFFICIENT

### Partner OS



Flow-rate **regulating valve**,  
6 positions + closed

**Inlet coupling rotates** and can be  
angled vertically to **optimise**  
the monitor's **stability on the ground**

**Elevation adjustable**  
from +10° to +50°

**Spikes made of**  
tungsten carbide

**Rotating inlet**  
coupling

**Anti-slip safety system:**  
partially or totally closes water supply

**Oscillating system,**  
horizontal sweep adjustable  
to 20°, 30° or 40°

**Partner Lite:**  
Captive attached **safety strap**

**All couplings available**

## make the difference

### EASE OF USE

Can be set up and used in a few seconds with a minimum of handling.

### POWER

Flow-rate up to 2000 l/min (Partner) or 5000 l/min (Vector).  
The wide fluid passage section minimises pressure drop.

### COMPACTNESS

Reduced dimensions to make it easier to stow in vehicles.  
Low weight means these monitors can be carried by a single person.

### VERSATILITY

A wide choice of accessories offers the possibility of using these monitors with water or foam, on the ground or mounted on a vehicle.

## 5-year guarantee



## PORTABLE MONITORS (pr EN 15767-1 COMPUANT)

### PARTNER / PARTNER LITE - QMax 2000 l/min.

The Partner is equipped with an anti-slip system to guarantee optimum safety even at an elevation of only +10° (Partner Lite : +20°).

The Partner Lite is more compact, and is equipped with a captive safety strap on a reel.

MODEL	2,5" BSP F	BS 336 Inst.	DIM. (cm) (2)	WEIGHT (kg)	ROTATION	ELEVATION
Partner	I12.11.057 I12.11.060 (1)	I12.11.035	L 59 x l 21 x w 26	10	40°	+10° to +50°
Partner Lite	I12.11.084	I.12.11.090	L 35 x l 23 x w 24	7.5		+20° to +60°
Oscillating Partner	I12.11.036 I12.11.062 (1)	I.12.11.040	L 70 x l 28 x w 26	14	Adjustable oscillation 20°, 30° or 40°	+10° to +50°
Oscillating Partner Lite	I12.11.089	I.12.11.091	L 44 x l 28 x w 31	11		+20° to +60°

(1) inlet 4" BSP M (2) without coupling



**PARTNER**



**OSCILLATING PARTNER LITE (folded-up)**



**PARTNER LITE (folded-up)**

### VECTOR / VECTOR S Transformable - QMax 5000 l/min.

The Vector S is equipped with an ultra-reliable safety valve designed for all types of ground.

Weight ≈ 20 kg. Dimensions: L 50 x w 50 x h 44 cm.

VECTOR	VECTOR S	INLET	ELEVATION	ROTATION
I12.11.030	I12.11.045	2 x BS 336 Inst.*	-35° to +90° By hand-wheel with removable block at +35°	180° as portable 360° on vehicle
I12.11.000	I12.11.008	2 x 2,5" BSP F*		
I12.11.003	I12.11.010	1 x 4" BSP M		
I12.11.004	I12.11.012	2 x 4" BSP M*		
I12.11.007	I12.11.015	1 x STORZ 150		



\* Clappered





## WATER / AFFF NOZZLES (pr EN 15767-1 COMPLIANT)

### AUTOMATIC PRESSURE REGULATED MONITOR NOZZLES

- **Range maintained** at a relatively constant level **in the event of mains pressure drop.**
- **Wide range of flow-rates.**
- **Safe and reliable operation** in all situations.
- Water / AFFF nozzle giving choice of **straight jet** and **spray fog** (full cone up to 135°).
- **Hard anodised** aluminium.
- **Dual pressure regulation** to maintain effective flow-rate and range at low pressure.

	RANGE OF FLOW-RATES	MEDIAN PRESSURE	WEIGHT (kg)	REFERENCE
<b>Duojet MV with valve</b>	265 – 950 l/min	3 and 6 bar	2,5	I12.42.002
<b>Duojet</b>	265 – 950 l/min	3 and 6 bar	2,3	I12.42.013
<b>Jetmatic M</b>	190 – 1350 l/min	7 bar	2,3	I12.42.001
<b>Maxmatic</b>	400 – 2000 l/min	7 bar	2,8	I12.42.014
<b>Maxforce</b>	400 – 2000 l/min	4 and 7 bar	3	I12.42.012
<b>Mastermatic 4000 SP</b>	600 – 4000 l/min	7 bar	4,1	I12.42.004
<b>Mastermatic 5000 SP</b>	1000 – 5000 l/min	4,8 - 8,3 bar	6,2	I12.42.050



**JETMATIC**



**MAXFORCE**



**MASTERMATIC**

### FIXED FLOW-RATE MONITOR NOZZLES

<b>Max-Lite</b>	WEIGHT (kg)	REFERENCE
1300 l/min	2	I11.20.066
2000 l/min		I11.20.055
3000 l/min		I11.20.067



**MAX-LITE**



**MASTERFIX 4000 SP**

<b>Masterfix SP - 5 positions</b>	WEIGHT (kg)	REFERENCE
<b>2500 SP:</b> 500 – 1000 – 1500 – 2000 – 2500 l/min	4,1	I12.41.010
<b>4000 SP:</b> 1500 – 2000 – 2500 – 3000 – 4000 l/min		I12.41.009

### SET OF STACKED TIPS

FLOW-RATES	WEIGHT (kg)	REFERENCE
1000 – 1500 – 2000 – 3000 l/min	1,6	I12.40.004
1000 – 1500 – 2000 l/min	1,1	I12.40.007



**STACKED TIPS**



## MASTERFOAM self-induction NOZZLE

A spray nozzle with an integrated inductor.  
 Concentrations 0.5 – 1 – 3 and 6% (interchangeable graded orifices)  
 Full jet to spray jet to 90° • Hard anodised aluminium.



MASTERFOAM	WEIGHT (kg)	REFERENCE
1300 l/min	3,7	I12.42.020
2000 l/min		I12.42.016
3000 l/min		I12.42.019



## POLYFOAM ADAPTORS

For quality foam production

- A** LX adaptor for Mastermatic 4000, Masterfix 2500 SP and 4000 SP, and Masterfoam nozzles • **Ref: I12.80.001**
- B** LX adaptor for MAXMATIC, MAXFORCE and MAXLITE nozzles • **Ref: I12.80.007**
- C** LX adaptor for Jetmatic and Duojet nozzles • **Ref: I11.80.117**

## STREAM STRAIGHTENERS

To improve range by around 20%.  
 Flow-rate lower than 2000 l/min. Length 12.5 cm • **Ref: I12.40.008**  
 Flow-rate higher than 2000 l/min. Length 25 cm • **Ref: I12.40.009**



## WATER and FOAM BARRELS

Aluminium + Epoxy coating (optional: Stainless steel)

FOAM BARREL	WITHOUT INDUCTOR	WITH 3 AND 6% INDUCTOR
1500 l/min	I12.43.000	I12.43.004
2000 l/min	I12.43.001	I12.43.005
3000 l/min	I12.43.002	I12.43.006
4000 l/min	I12.43.003	I12.43.007



## TOP GUN telescopic MAST

Manually operated telescopic mast, elevation 45 cm.  
 Designed for use with a Vector turret.  
 Dim. (closed): L 87 cm x diameter 11 cm • Weight: 11 kg  
 TOP GUN 3" BSP M inlet **Ref: I12.48.004**  
 Brackets to be welded **Ref: I12.48.059**  
 Brackets with flanges **Ref: I12.48.060**  
 Brackets with clamps **Ref: I12.48.061**



## VECTOR MOUNTING accessories

Adaptor parts for mounting on a vehicle:  
 Threaded or flanged inlet (contact us).  
 Adaptor kit for mounting VECTOR on a trailer. **Ref: XF400-KIT**

# Groupe Leader

## RESEARCH AND DEVELOPMENT

**A creative but meticulous Design Department to develop the equipment you will need tomorrow.**

- > A **multidisciplinary design staff** to develop and produce innovative equipment to meet the **needs of the profession**.
- > Design work carried out in **partnership** with **well-known fire brigades, industries, universities and research laboratories**.
- > **Testing equipment** specifically adapted to the needs of product development and **performance validation**:
  - Water and high expansion foam test installation (400m<sup>2</sup>)
  - Ventilation test installation (400m<sup>2</sup>)



## MANUFACTURE

- > **Specialised production workshops**.
- > A **continuous improvement** organization whose purpose is to guarantee customer satisfaction through **control of product conformity**.



## AFTER-SALES SERVICE

- > A **permanent stock** of spare parts enabling to carry out **rapid repair work**.
- > A team to **advise** you on **setting up and using** your equipment.
- > A **telephone help line +33 (0)2.35.11.70.30**



## TRAINING

- > Can be **organised to suit your needs**. Our **training courses** enable you to maintain your equipment in a **safe state for use**.





# Groupe Leader

Always in touch with our clients

to design the **products you will need in the future**



*Tomorrow's technology today*

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