

# ACS Mystrale2<sup>®</sup> VDI

## TECHNICAL FILE



Metrological characteristics		
Flow rate		1.3 à 12 l/min*
Accuracy		± 3% à 8 l/min
Sensitivity	Temperature	0.005 dm <sup>3</sup> /min/°C
	Pressure	0.001 dm <sup>3</sup> /min/hPa
Technical Characteristics		
Conditions of use	Temperature	-10° C to 40° C
	Pressure	900 to 1100 hPa
	Hygrometry	0% to 90%
Vacuum depression		-900 mbar
Protection class		IP-55
Autonomy VDI		40h
Charging time		7 to 9h
Weight		10,3 kg
Dimensions of the device (in mm)		L 450 x l 210 x H 335

\* Use of an optional adapter for low flow rates

## Main characteristics

Sturdy, cushioned shell

Compact design and storage space for hose, charger and accessories

Tamper-proof padlock on the lid

Volume flow measurement with temperature and pressure compensated mass flow meter

Hose connection with quick disconnect safety coupling

Electronic self-regulation of the flow rate according to the pressure drop

Diaphragm pump with brushless motor

29V lithium - ion polymer battery

External charger 100 to 240 VAC and 3A

Possible use in charge/discharge with external charger

Automatic protection of the pump by stopping the sampling, automatic stop of the pump in case of flow rate lower than 60% of the set value

Software update (soft) and sampler parameterization via mini USB connection / PC

Saving of sampling data on SD card (>2000 samplings)

Multilingual menu (French, English, German, Spanish, Italian)

Integrated mast supports

## Additional articles



Filter holder  
VDI

Mast support