

**Technical characteristics**

Differential pressure (Pitot and flowmeter)	
Range	± 6689,5 Pa (equivalent to +/-1 Psi)
Accuracy	Better than 1% of measure
Resolution	1 Pa (.145 psig)
Differential pressure max	35 kPa ( 5.07 psig)
Absolute pressure (static and barometric)	
Range	0 – 103.4 kPa absolute ( 15 psig)
Accuracy	Better than 1% of measure ± 0.1 kPa
Resolution	0.01 kPa
Temperature	
N° of inlet for thermocouple K type	Up to 3 (2 for heating control + 1 stack temp.)
Resolution	0.1 °C
Thermocouple type K	0 to 1200 °C
Accuracy	1% of measure ± 0.2 °C
N° of PT100 probe	Up to 3 (incl. DGM temperature)
Range	-20 to 80 °C
Accuracy	1% of measure ± 0.2 °C
Resolution	0.01 °C
Volume measurement	
With dry gas meter	G2.5
Resolution	0.1 litre
Accuracy	2%
Flow measurement	
Answering time	500 ms
Differential pressure flowmeter	5 – 40 l/min
Resolution	0.01 l/min
Accuracy	Better than 2%
Range regulation	
Type	Electronic
Answering time	< 5s
General specifications	
Suction pumps	Rotative vane pump 4m <sup>3</sup> /h ( 17.6 gpm)
Sampler isolation valve	Solenoid valve
Suction gas filter	Built-in glass fiber
Water sensor	Optic
Gas connections and pitot	Quick connections
Communication ports	USB
Ambient working conditions	-20 to 40°C 95% RH
Power supply	220 Vac 50/60Hz - (100Vac 50/60Hz)
Display	5" touch screen
Weight	(33lbs {sampler} + 3.3 pounds {probe}) 15 kg (Sampler) + 1,5 kg (Probe module)

Technical specifications may change without previous warning