

Sentinel | Technical specification



MEASUREMENTS

SENSOR	TYPE	RANGE	RESPONSE TIME	ACCURACY
CH ₄	Laser	0-100%	<15s at 90% flow	+/-1.0%
O ₂	Laser	0-25%	<15s at 90% flow	+/-0.05%

GAS CONDITIONING

Particle removal	Particles >20 microns
Liquid removal	Can sample on wet or dry basis, gas must be non-condensing

POWER SUPPLY

Power	90-240VAC 50-60Hz 1.4A (optional solar)
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ENVIRONMENTAL CONDITIONS

Operating temperature	-4°F to 158°F (-20°C to +70°C) with cold weather package
Relative humidity	0-95% non-condensing

PHYSICAL

NEMA 4x enclosure	36" x 24" x 9" / 915mm x 610mm x 288mm
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PUMP

Flow rate	200-2,000ml/min
Vacuum / pressure	-120" W.C max / +4 PSI max