

Indoor Air Quality Monitor IQM 60

Specifications

Gas Sensor Modules	Sensor	Range (ppm)	Lowest detection	Accuracy	Precision	Resolution
Carbon dioxide	NDIR	0 - 2,000	6 ppm	<40 ppm + 3%	6 ppm	1 ppm
Carbon dioxide	NDIR	0 - 5000	6 ppm	<150 ppm + 5%	6 ppm	1 ppm
Carbon monoxide	GSS	0 - 100	0.5 ppm	<+/- 5 ppm	1 ppm	0.1 ppm
VOC isobutylene	GSS	0 - 25	0.1 ppm	<+/- 10%	0.2 ppm	0.1 ppm
VOC isobutylene	PID	0 - 20	10 ppb	<10%	0.02 ppm	0.01 ppm
Non-methane hydrocarbon	GSS	0 - 25	0.1 ppm	<+/- 0.5 ppm	0.2 ppm	0.1 ppm
Hydrogen sulphide	GSS	0 - 10	10 ppb	<+/- 0.5 ppm	0.02 ppm	0.01 ppm
Nitrogen dioxide	GSS	0 - 0.200	10 ppb	<+/- 15%	0.005 ppm	0.001 ppm
Ozone	GSS	0 - 0.150	1 ppb	<+/- 0.005 ppm	0.002 ppm	0.001 ppm
Ozone	GSS	0 - 0.500	1 ppb	<+/- 0.008 ppm	0.004 ppm	0.001 ppm

* Other parameters available

Temperature / Humidity Sensor	Range	Accuracy	Resolution
Temperature	-20 - 100C	+/- 0.3C @ 25C	0.1C
Humidity	0 - 100%RH	+/- 2%RH @ 25C	0.1%RH
Particle Monitor (optional)	Range	1 - 2000 μ g/m	
	Particle Size	0.1 - 100 μ m	
	Precision	3 μ g/m	
	Accuracy	8% NIOSH 0600	
	Stability	5% of reading	
	Cut Points	TSP, PM1, PM2.5, PM10	

Interface	RS232 (Serial cable and USB adapter supplied)
Data Storage	Removable 1GB SD card
Wireless Communication (optional)	GSM modem
Power Supply	AC adapter / External Li-ion portable power station (optional)
Enclosure	Aluminum and powder coated steel
Dimensions	W 10.9 x D 9.3 x H 5.2 inches (278 x 236 x 132 mm)
Weight	Approx. 11 lb (5.0 kg)
Standard Accessories	Operation Manual, Standard Sensors (CO, CO ₂ , Temperature, R/H), AC Adapter, PC Configuration and Data Logging Software
Optional Accessories	TSP Particulate Monitor, PM2.5 Cyclone, PM10 Cyclone, Replacement PID Lamp
Optional Sensor Module	<ul style="list-style-type: none"> • VOC isobutylene sensor module • PID isobutylene sensor module • Ozone sensor module • Nitrogen dioxide sensor module • Non Methane Hydrocarbon sensor module • Hydrogen sulphide sensor module • Ammonia sensor module

* Specifications subject to change without prior notice

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