



KANOMAX

The Ultimate Measurements

ISO9001 ISO14001



JQA2790



JQA-EM1628

Indoor Air Quality Monitor IQM 60



Features

- Multiple Gas Sensors (up to six)
- Analytic GSS Technology / PID / NDIR
- Temperature and Humidity Sensors
- Particulate Monitor (option)
- Rapid Real-time Data Sampling
- Min / Max / Average Sampling
- RS 232C / USB Communication
- Wireless Communication (optional)
- PC Data Logging Software

Applications

- Indoor Air Quality Investigation
- Industrial Hygiene Quality Control
- Occupational Health Control

Benefits

- Multi-Parameter Measurement - Gas, temp, humidity, particle
- Large Internal Data Storage Capacity
- User Defined Calibration
- Low Maintenance Cost
- Portable unit

TEMP	19.9 C
RH	57.9 %
O3	0.015 PPM
CO	0.0 PPM



Most IAQ Parameters Covered in This Single Unit

■ Applications



U.S. Green Building Council
LEED Certification



Indoor Air Quality Investigation



Detect Sick Building Syndrome

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	• 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