



IQM 60

Indoor Air Quality Monitor



- Portable and quiet
- Simple to use
- Up to 6 gases plus Temp & RH
- Particle monitor option
- Data logging
- RS 232 Serial or USB port
- 12VDC power supply
- PC Software supplied

IQM 60 is an integrated multi-gas indoor monitor capable of delivering high quality data for up to six gases in ambient air environments. It incorporates a 4-line display and provides data logging as well as RS 232 communications. Sensors are specifically calibrated for indoor air quality applications. Min/Max readings are available for each sensor as well as 15-min, 60-min and 24-hour averages. The 12VDC power requirement allows the unit to be movable but can also be deployed in fixed installations.

Features

- Analytic GSS Technology ® / PID / NDIR
- Multi-gas monitoring (up to six gases)
- Temperature and humidity
- Integrated particle monitor (PM 2.5 & 10)
- Active air sampling
- High quality data in real-time
- RS 232 / USB serial communications
- On-board & remote data logging
- Wireless communication options
- PC data logging software
- User-defined calibration
- Quiet operation
- Low maintenance
- Portable

Applications

- Office environments
- Commercial buildings
- School buildings
- Airports
- Shopping malls
- Domestic monitoring
- Air quality engineering analysis

Sensors Contact Aeroqual for other calibrations	Ozone Carbon monoxide VOC (Non-Methane Hydrocarbon) VOC (Isobutylene) Carbon dioxide (NDIR) PID (Isobutylene) Temperature Relative Humidity	Range 0 - 500 ppb 0 - 100 ppm 0 - 25 ppm 0 - 500 ppm 0 - 5000 ppm 0.01 - 20 ppm -20 °C - 100 °C 0 - 100%	Resolution 1 ppb 0.1 ppm 0.1 ppm 1 ppm 10 ppm 10 ppb 0.01°C 1.0%
Particulate Monitoring Option	Light scattering	PM 2.5 or PM 10	
Zero calibration		Using software provided	
Span calibration		Using software provided	
Active sampling		Fan	
Air inlet		Multi-slot grill on front panel	
Communications	RS232 USB	DB 9 female Mini USB	
Data sampling rate		User defined	
Power requirements		12VDC	
Enclosure	Aluminium and powder coated steel	236mm W x 132mm H x 278 mm D	
Weight	IQM 60 Monitor	2.1 Kg	
Data logger module	Removable flashcard Flashcard reader	1.0 GB USB	
Display	Vacuum Florescent Display (VFD)	4-line / 20-column	
12VDC Power supply	Switch mode power input	100 - 260 VAC	
Communication module options	GSM modem Wireless LAN	Dualband 900/1800 MHz (excludes SIM) 802.11	
Factory calibration service available			
Accessories	Calibration Kit Calibration gas humidifier	Contact Aeroqual for details	
Approvals	Part 15 of FCC Rules EN 61000-6-3: 2001 EN 61000-6-1: 2001	  	

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