

AMBIENT AIR QUALITY MONITOR

REALTIME INDOOR AIR QUALITY MONITORING WITH DATA TRANSFER

INDOOR AIR QUALITY MONITOR

MODEL NO.: IAQM



Work environments as well as homes and offices often require that people spend a majority of their time indoors. The Air Quality Indoors can be upto 8 times worse than outdoors. As a result, individual's long-term health and comfort are largely dependent upon Indoor Air Quality. Providing a comfortable, safe and healthy indoor environment is an increasingly important concern. Good Indoor Air Quality increases concentration and productivity which can reduce health issues. IAQM is a Wall Mounted / Tabletop, multi-function instrument which features a menu-driven user interface for easy operation and provides quick, accurate information to measure and assess key IAQ (Indoor Air Quality) parameters.

SPECIAL FEATURES

- Indoor monitoring device for Air Quality Management
- Operated on 220 VAC adapter 3.7V DC Li-Ion battery backup for Emergency (2 hrs)
- Simple 5 buttons operation
- Displays up to 5 parameters – with Date and time
- User settable alarms and ranges
- Continuous measurement of Air Contaminants

APPLICATIONS

- IAQ Investigations
- Industrial Hygiene Surveys
- Baseline Trending and Screening
- Building Commissioning
- Tracking Down Emissions to their Source (Point Source Location)

SPECIFICATIONS

Type	: Portable, Wall mounted, Table top
Detectable gases / parameters	: VOC, CO, CO ₂ , PM _{2.5} , PM ₁₀ , RH & Temp, SO _x , NO _x , Ozone
Electronics / processor	: Micro-controller
Power supply	: 230 VAC through 5V Adapter, 2 hrs battery backup
Display	: Graphic LCD display or 3.5" TFT display Touchscreen (optional)
Alarm	: Warn / Alarm, Alarm Indication by change in color
Output	: One Relay, USB, Wifi
Resolution	: 0.1 PPM
Accuracy	: ± 2 %
Response time	: Less than 30 seconds
Operating temperature	: 0 - 55 °C
Sampling / input	: Diffusion
Housing / case	: ABS Plastic
Mounting	: Wall mount
Dimensions	: 150 * 100 * 15 mm

GASES AND RANGES

1. CO	: 0 - 1000	µg/m ³	6. Rh	: 0 - 100	%
2. CO ₂	: 0 - 1000	µg/m ³	7. Temp	: 0 - 70	°C
3. VOC	: 0 - 1000	µg/m ³	8. SO _x	: 0 - 1000	µg/m ³
4. PM _{2.5}	: 0 - 999.9	µg/m ³	9. NO _x	: 0 - 1000	µg/m ³
5. PM ₁₀	: 0 - 999.9	µg/m ³	10. Ozone	: 0 - 500	µg/m ³

*Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.
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