

Indoor Air Quality Monitor 6 Parameters



Model: AI-IAQ6-PH



Features

- Built-in sensors for all parameters (CO₂, PM_{2.5}, PM₁₀, VOC, Temperature, Humidity)
- RS-485 Modbus Communication
- Easy wall mounting solution requiring minimal civil adjustments
- Touchscreen-based display
- Programmable buzzer alarm

Gain comprehensive insight on your indoor air quality with the Ace Instruments 6 Parameter Indoor Air Quality Monitor (AI-IAQ6-PH). Boasting a touchscreen display with built-in sensors, the monitor is suited for wall mounting and accurate tracking in most indoor environments to detect: Temperature, Humidity, VOC, PM_{2.5}, PM₁₀, and CO₂ levels.

With built in RS-485 Modbus communication to monitor, record and transmit critical IAQ metrics to BMS, and enables remote monitoring. The IAQ monitor also features an in built audio buzzer alarm, freely programmable by user on field for all parameters. The instrument has Wi-Fi functionality, allowing real-time data monitoring and access via a web-based dashboard and seamless casting to display building metrics to occupants.

Comprehensive **indoor air quality monitoring range**
CO₂ | CO | Temp | Humi | VOC | PM | O₂



Improve occupant comfort and building environment through IAQ monitoring in..



Retail spaces



Workspaces



Educational institutions



Auditoriums & museums

Specifications

CO2	Measuring Range: 0-5000 ppm Accuracy: ± 50 ppm (or) $\pm 5\%$ of reading value
Temperature	Measuring Range: 0-50°C Accuracy: $\pm 0.5^\circ\text{C}$
Humidity	Measuring Range: 0-100%RH Accuracy: $\pm 3\%$ RH
VOC	Measuring Range: 0-500 ppm Accuracy: ± 30 ppm
PM 2.5, PM10	Measuring Range: 0-1000 $\mu\text{g}/\text{m}^3$ Accuracy: ± 15 $\mu\text{g}/\text{m}^3$ (when concentration is <100 $\mu\text{g}/\text{m}^3$) $\pm 15\%$ (when concentration is >100 $\mu\text{g}/\text{m}^3$)
Sensor	Built-in sensor for all parameters (Switzerland)
Display	3" touch screen full colour TFT display
Display Parameters	6 IAQ parameters
Communication	RS485 Modbus, Wi-Fi with web-based interface to access real-time data and generate custom reports
Power Supply	12 VDC adapter provided for direct plugin into 230VAC/110VAC
Enclosure	Panel/wall mounting ABS plastic enclosure

Customize your IAQ solution with us today



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