

Smart Indoor Air Quality Monitor

(6 Vital Monitoring Parameters)
Model: AI-IAQ6-PH



The Smart and Reliable 6 in 1 IAQ Monitor measures critical parameters in controlled environments areas. The user friendly bright 3" LCD Monitor is a wall mounting device which can be easily installed and coupled with BMS/SCADA. Using RS485 Modbus communication / Wi-Fi Communication or *LAN Network using RJ45 output.

Temp

%RH

PM10

VOC

CO2

PM2.5

The sensor accuracy ensures the right data populated to the End User for meeting statutory compliance requirement

This device can be resourceful in reporting the sensitive parameters of the room in applications like Hospitals, Pharmaceuticals, Modern Workspaces, Smart Residence, Biolabs and Critical Storage Units

Specification:

Model No.	AI-IAQ6-PH Smart Indoor Air Quality
Display	3" Touch Screen Full Colour TFT Display
Display Parameter	6 Parameters for full IAQ Suite along with Date & Time
Communication	Using RS485 Modbus Communication / Wi-Fi Communication or *LAN Network using RJ 45 Output.
Power Supply	12v DC Adapter provided alongwith for direct plug into 230 VAC/110 VAC
Enclosure	Panel / Wall mountable ABS plastic Body
Dimensions	120(W) X 80(H) X 55(D)mm

Parameter Display	Measuring Range	Accuracy
PM 2.5	0 ~ 1000 $\mu\text{g}/\text{m}^3$	$\pm 15 \text{ ug}/\text{m}^3$ (when concentration is $\leq 100 \text{ ug}/\text{m}^3$); $\pm 15\%$ (when concentration is $> 100 \text{ ug}/\text{m}^3$)
PM 10	0 ~ 1000 $\mu\text{g}/\text{m}^3$	$\pm 15 \text{ ug}/\text{m}^3$ (when concentration is $\leq 100 \text{ ug}/\text{m}^3$); $\pm 15\%$ (when concentration is $> 100 \text{ ug}/\text{m}^3$)
Temperature	0 ~ 50°	$\pm 0.5^\circ$ (0-65°)
Humidity	0 ~ 100%RH	$\pm 3\%$ RH
Carbon Dioxide (CO2)	0 ~ 5000 ppm	$\pm 50 \text{ ppm}$ (or) +5% of reading value
VOC (Volatile Organic Compounds)	0-500ppm	+/-30ppm



Applications:



Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

Instrukart Holdings

Ph : +91 (40)40262020 | Mob : +91 88865 50506;

Email : info@instrukart.com | www.instrukart.com

Head Office: #18, Street-1A, Czech Colony, Sanath Nagar, Hyderabad -500018, INDIA.

