



IAQ Series

Indoor Air Quality Instruments

SUPCO's IAQ Series measure Carbon Dioxide (CO₂), Temperature and Humidity with Dew Point and Wet Bulb. Ideal for air quality diagnosis, they can be useful in identifying sick building syndrome due to high levels of CO₂. Choose from a hand held meter or a wall mounted/desktop monitor. Both come equipped with a triple LCD Display and programmable alarms.

Common Features/ Benefits

- Non-Dispersive Infrared (NDIR) Sensor
- Visible/ Audible (80db) CO₂ Alarm
- Large Triple Function LCD Display
- Min./ Max., Average Recall
- Alarm Output Relay
- Long Time Drift Compensation
- Non-Dispersive Infrared (NDIR) Sensor
- 12 VDC Power Adapter (120 VAC Supplied)
- TWA (Time-Weighted Average) 8 HRS
- STEL (Short-term exposure limit) 15 Minutes



IAQ55

Handheld Indoor Air Quality Monitor

...for pinpointing IAQ problem areas

- Portable
- Backlight LCD Display Function
- Auto Shut-off



IAQ50

Wall Mounted Indoor Air Quality Monitor

...for continuous monitoring of important IAQ parameters.

- Desktop or Wall Mounting
- Alarm Output Relay
- 12 V Power Adapter (included)

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Applications

- Residential
- Offices
- Restaurants
- Warehouses
- Garages
- Green Houses

Specifications

CO2	IAQ55	IAQ50
Range	0-2000ppm 2001-9999 (out of scale)	
Resolution	1ppm	
Accuracy	$\pm 75\text{ppm} \pm 5\%\text{rdg}$ (0-2000) Not specified for out of scale	$\pm 50\text{ppm} \pm 5%\text{rdg}$ (0-2000) Not specified for out of scale
Pressure Dependence	+1.6% reading per kPa deviation from normal pressure, 100kPa	
TEMPERATURE		
Range	14°F-140°F (-10.0°C-60.0°C)	
Resolution	0.1°F (0.1°C)	
Accuracy	$\pm 0.9^\circ\text{F}$ ($\pm 0.6^\circ\text{C}$)	
HUMIDITY		
Range	0.0% to 99% NON-CONDENSING	
Resolution	0.1%	
Accuracy	+/-3% (10% to 90%) +/-5% (others)	
GENERAL		
Warm Up	30 seconds	
Operating	+32°F to 122°F (0°C to 50°C) NON-CONDENSING	
Storage	-4°F to 140°F (-20°C to 60°C) NON-CONDENSING	
Power	4 AA batteries (Included)	12V adapter (Included)
Battery Life	24 hours (Alkaline)	NA

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