

# IAQ SERIES

## INDOOR AIR QUALITY INSTRUMENTS

**SUPCO's IAQ Series measure Carbon Dioxide (CO<sub>2</sub>), 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 CO<sub>2</sub>. 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) CO<sub>2</sub> 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
- 8" x 2.5" x 2.5"



### 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)
- 5 1/2" x 5 1/2" x 2.5"

## Applications

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

## Specifications

C02	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	
<b>TEMPERATURE</b>		
Range	14°F-140°F (-10.0°C-60.0°C)	
Resolution	0.1°F (0.1°C)	
Accuracy	$\pm 0.9^\circ\text{F}$ ( $\pm 0.6^\circ\text{C}$ )	
<b>HUMIDITY</b>		
Range	0.0% to 99% NON-CONDENSING	
Resolution	0.1%	
Accuracy	$\pm 3\%$ (10% to 90%) $\pm 5\%$ (others)	
<b>GENERAL</b>		
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