Ideal for HVAC

Measures CO_2, humidity, dew point, air temperature, and wet bulb temperature. Poor air quality may cause tiredness, inability to concentrate, and even illness (i.e., Sick Building Syndrome). This instrument is ideal for monitoring and controlling indoor air quality in crowded public spaces with potentially high levels of CO_2 (carbon dioxide) such as offices, factories, classrooms, hospitals and hotels. When CO_2 levels exceed a preset limit IAQ controller sends a signal activating ventilation units to bring them back to acceptable levels. Simultaneous display of CO_2 level, humidity and air temperature, (or the user may choose a rotating display of dew point and wet bulb temperature instead of air temperature). Also calculates TWA (Time Weighted Average) and STEL (Short-Term Exposure Limit). Simple user calibration of CO_2 and RH. Features visible and audible CO_2 threshold alarms, min/max/ave, and a computer interface. NDIR (non-dispersive infrared) technology ensures long-term accuracy, stability and reliability. Comes with an AC Adaptor.

DIM: 5" × 3½" × 2½" (130 × 95 × 65 mm). WEIGHT: 9 oz (260 g).

No.	Description
800045	**Indoor Air Quality Controller**
840052	Data Acquisition Software
860019	Humidity Calibration Chambers
840054	USB Cable

	Range	Resolution	Accuracy
Air Temp. °C	-10 ~ 60°		0.6°C
Air Temp. °F	14 ~ 140°		0.9°F
RH	0 ~ 100		±3% (10 ~ 90%) ±5% (otherwise)
Dew Point °C	-13.3 ~ 60°	0.1	
Dew Point °F	8 ~ 140°		
Wet Bulb °C	-73.4 ~ 60°		
Wet Bulb °F	-100 ~ 140°		
CO2	0 ~ 5000 ppm	1 ppm	±30ppm±5%rdg