

INDOOR AIR QUALITY METER/DATA LOGGER

TECHNICAL DATA



FEATURES

- Measures CO₂, CO, O₂, humidity and temperature
- Non-dispersive infrared CO₂ sensor
- Galvanic cell CO and O₂ sensors
- Precision capacitance humidity sensor
- Includes humidity probe, CO probe, CO₂ probe, O₂ probe, and hard carrying case
- Records readings from 3 probes simultaneously
- Audible alarm setpoint
- Temperature is measured in °C or °F
- Easy to read LCD with backlight
- Data hold and Max/Min record
- Real time data logger with integral SD memory card (OPTIONAL)
- Just plug the SD card into the computer and it downloads directly to EXCEL
- RS-232 and USB computer interface
- Auto or manual power off

SPECIFICATIONS

CO₂ Sensor: Non-dispersive infrared
Range: 0 to 4,000 ppm
Resolution: 1 ppm
Accuracy: ±40 ppm (<1,000 ppm), ±5% (>1,000 ppm)
CO Sensor: Galvanic cell
Range: 0 to 1,000 ppm
Resolution: 1 ppm
Accuracy: ±(5% + 2 ppm)
O₂ Sensor: Galvanic cell
Range: 0 – 30% O₂
Resolution: 0.1% O₂
Accuracy: ±(1% + 0.2% O₂)
Alarm Threshold: <18.0% O₂
Humidity Sensor: Precision capacitive
Range: 5 to 95% RH
Resolution: 0.1% RH
Accuracy: >70%RH: ±(3% rdg + 1%RH); <70%RH: ±3%RH
Temperature Range: 0 to 50.0°C (32 to 122.0°F)
Resolution: 0.1°C/°F
Accuracy: ±0.8°C (±1.5°F)
Dew Point Temp. Range: -25.3 to 48.9°C (-13.5 to 120.1°F)
Wet Bulb Temp. Range: -21.6 to 50°C (-6.9 to 122.1°F)
Power Supply: 6 x 1.5V UM3/AA batteries
Dimensions/Weight: 177 x 68 x 45mm/350g;
 RH Probe: 197mm L; CO & O₂ Probe: 150 x 38 x 38mm;
 CO₂ Probe: 190 x 38 x 28mm

ORDERING INFORMATION

SD-9901..... IAQ Meter/Data Logger
 BS-6..... Tripod
 TP-01 Thermocouple Wire Probe
 USB-01 USB Cable
 SW-U801-WIN.....Data Acquisition Software
 AP-9VA-110V..... AC adapter
 CERTIMTF4.....NIST Calibration Certificate
 SD-9901-NIST ... IAQ Meter/Data Logger & NIST