# SPER SCIENTIFIC

# Indoor Air Quality Meter

## Monitor indoor air quality in public spaces with potentially high levels of CO₂ (carbon dioxide)

Poor air quality may cause tiredness, inability to concentrate, and even illness (i.e., Sick Building Syndrome). This instrument is ideal for monitoring indoor air quality in crowded public spaces with potentially high levels of $CO_2$ (carbon dioxide) such as offices, factories, classrooms, hospitals and hotels. The same measurement parameters can also be used to test air from HVAC equipment. Backlit simultaneous display of CO₂ 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 audible CO₂ threshold alarms, min/max/ave, hold and a computer interface. NDIR (non-dispersive infrared) technology ensures long-term accuracy, stability and reliability. Comes in a hard carrying case with 4 AA batteries. Uses optional AC Adapter (840027).

DIM: 8½" × 2¾" × 2¼" (216 × 70 × 57 mm). WEIGHT: 9.6 oz (272 g).

| No. | Description |
|---|---|
| 800046 | Indoor Air Quality Meter |
| 840027 | AC Adapter |
| 840052 | Data Acquisition Software |
| 840054 | USB Cable |
| 840090 | Water Resistant Instrument Pouch |

| | Range | Resolution | Accuracy |
|---|---|---|---|
| Air Temperature | 14 to 140°F<br>-10 to 60°C | 0.1 | 0.9°F<br>0.6°C |
| RH | 0 to 100% | | ±3% (10 to 90%)<br>±5% (otherwise) |
| Dew Point | 8 to 140°F<br>-13.3 to 60°C | | |
| Wet Bulb °F | -100 to 140°F<br>-73.4 to 60°C | | |
| CO₂ | 0 to 5000 ppm | 1 ppm | ±30 ppm + ±5% rdg |

5 YEAR WARRANTY  CE  RoHS Compliant 2002/95/EC  c UL us LISTED