

MODEL 1510

AIR QUALITY DATA LOGGER

Monitor CO₂, temperature, and humidity for a healthy environment



FEATURES

- ▶ CO₂, temperature, and humidity logger
- ▶ Free app available from Android and Google Play stores
- ▶ Compact and stand-alone: for mounting or portable use
- ▶ User-friendly: comfort indicators based on the CO₂, temperature and humidity levels
- ▶ Accurate: complies with the latest standards concerning air quality monitoring
- ▶ Quick, simple data download using supplied DataView® software
- ▶ On-site calibration test module with adapter, tube and software for adjusting the zero and thresholds

Products 2138.08 & 2138.09 Include

- Meter in carrying pouch
- Adapter - US wall to USB
- 6ft USB cable
- 2 AA batteries
- Quick start guide
- User manual and DataView® application software included on USB Drive

Accessories/Replacement Parts

- 2138.61 Wall Mount Holster (Gray)
- 2138.62 Desktop Stand (White)
- 2153.78 Adapter - US Wall Plug to USB
- 2138.67 Wall Mount Holster (White)

SPECIFICATIONS

CO ₂ Measurement	
Measuring Principle	Non-dispersive infrared (NDIR) technology
Type of Sensor	Double-beam infrared cell sensor
Measurement Range	0 to 5000 ppm
Accuracy (CO ₂)	±50 ppm ±3% of value measured
Response Time, 63%	< 200 seconds
Resolution	1 ppm
Temperature Measurement	
Type of Sensor	CMOS
Units	°C or °F
Measurement Range	14° to 140°F (-10° to 60°C)
Accuracy	±0.1°F (±0.5°C)
Resolution	0.1°F (0.1°C)
Humidity Measurement	
Type of Sensor	Capacitive
Measurement Range	5 to 95% RH
Accuracy	±2% RH
Resolution	0.1% RH
General	
Recording Interval	Programmable from 1 minute to 2 hours
Storage	> 1 million measurements
Alarm	Yes
Backlighting Display, Hold, Min & Max	Yes
Auto Power OFF	Yes (in portable mode only)
Dimensions/Weight	4.92 x 2.58 x 1.26" (125 x 65.5 x 32mm)/ 6.7oz (190g) with batteries
Protection	IP40
Compliance	IEC 61010-1, 50V CAT II – IEC 61326-1
Power Supply	Alkaline batteries: 2 AA or rechargeable battery connection to 120V 60Hz line/USB to wall adapter
Communication	Bluetooth (Class I) wireless communication/USB link; the product is then recognized as a USB drive for easy file transfer
Mounting	Optional padlockable wall mount (padlock is not included), optional desktop stand and tear drop wall hook
DataView® Software	Graphic representation or as table of values, data export, real-time mode calculation of the confinement index with selection of presence periods & report generation