ENVIRONMENTAL TESTERS
AIR QUALITY

MODEL 1510
Monitor CO2, temperature, and humidity for a healthy environment

Assists with the prevention of COVID 19 by testing indoor air quality. Contact us to learn more.

SPECIFICATIONS

MODEL	1510
CO2 MEASUREMENT	
Measuring Principle	Non-dispersive infrared (NDIR) technology
Type of Sensor	Double-beam infrared cell sensor
Measurement Range	(0 to 5000) ppm
Accuracy (CO2)	± 50 ppm ± 3 % of value measured
Response Time (63 %)	< 200 s
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 min to 2 h
Storage	> 1 million measurements
Alarm	Yes
Backlighting	Blue - red when in alarm condition
Hold, Min & Max	Yes
Auto Power OFF	Yes (in portable mode only)
Dimensions / Weight	(4.92 x 2.58 x 1.26) in (125 x 65 x 32) mm / 6.7 oz (190 g) with batteries
Power Supply	Alkaline batteries: (2) AA or rechargeable battery connection to 120 V 60 Hz 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 padlock wall mount (padlock is not included), optional desktop stand and wall mount holster
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
SAFETY	
Safety Rating	IEC 61010-1, 50 V CAT II – IEC 61326-1
Ingress Protection	IP40

Consult factory for NIST Calibration prices

CO_2

FEATURES

- CO2, temperature, and humidity logger
- Free app for Android™ from the Google® Play Store
- Display turns red when any of the measurements are in alarm condition
- 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

PRODUCT INCLUDES
Soft carrying pouch, adapter - US wall plug to USB, 6 ft USB cable, (2) 1.5 V AA batteries, printed quick start guide, and a USB drive with DataView® software and user manual.

ACCESSORIES/REPLACEMENTS

Catalog #2138.61
Wall Mount Holster (Gray)

Catalog #2138.63
Calibration Kit

Catalog #2138.66
6 ft USB cable

Catalog #2153.78
Adapter - US Wall Plug to USB

Catalog #2117.73
Replacement Carrying Pouch

CATALOG NO.	DESCRIPTION	CATALOG NO.	DESCRIPTION
2138.08	Air Quality Logger Model 1510 (Gray)	2138.09	Air Quality Logger Model 1510 (White)