Air Quality Logger Model 1510

Cat. #2138.08
Range 0 to 5000ppm, Resolution 1ppm, Response time (63%)
Monitors temperature, humidity, and carbon dioxide (CO_2) in the local environment. Can store up to a million measurements. Includes a free app for using an Android^{TM} mobile device to connect to the instrument, view measurement data (in tabular or graphical format), start and stop a recording session, download recorded data, configure the instrument, and perform other tasks.

Cat.#2138.08

CO2 Measurement	
Measuring Principle	Non-dispersive infrared (NDIR) technology
Type of Sensor	Double-beam infrared cell sensor
Range	0 to 5000 ppm
Accuracy	±50 ppm ± 3% of value measured
Response Time, 63%	<200 seconds
Resolution	1 ppm
Alarm Alerts (Audible and/or visual)	S1: Low Threshold = 1000 ppm S2: High Threshold = 1700 ppm
Temperature Measurement	
Type of Sensor	CMOS
Units	°C or °F
Range	14° to 140°F (-10° to +60°C)
Accuracy	±1°F (±0.5°C)
Resolution	0.1°F (0.1°C)
Humidity Measurement	
Type of sensor	Capacitive
Range	5 to 95% RH
Accuracy	±2% RH
Resolution	0.1% RH

For more details, download the datasheet or user manual at www.aemc.com

Recording Interval	Programmable 1 minute to 2 hours
Storage	More than 1 million measurements
Alarm	Yes
Backlighting Display, Hold Function, Min& Max	Yes
Auto Power OFF	Yes (in portable mode only)
Dimensions	4.92 x 2.58 x 1.26" (125 x 65.5 x 32mm)
Weight	6.7oz (190g) with batteries
Power Supply	Alkaline 2 x 1.5V AA LR6 or rechargeable battery, Connection to 120V 60Hz line/ micro USB to wall adapter
Communication	*Bluetooth* (Class I)/USB link
Software	AQR (Air Quality Report) software included, free Android app available.
Mounting	Optional padlockable wall mount (padlock not included), optional desktop stand and tear drop wall hook
Temperature	Operation: 14° to 140°F (-10° to 60°C) at 5 to 95% RH Storage: -4° to 140°F (-20° to 60°C) without battery
Protection	IP40
Compliance	IEC 61010-1, 50V CAT II, IEC 61326-1
CE Approved	Yes