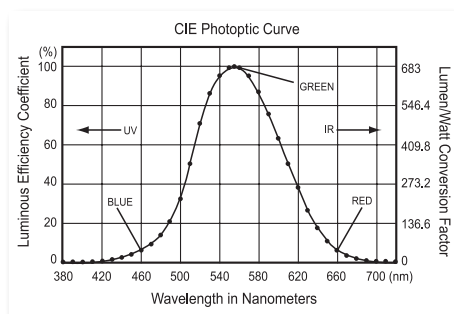# ENVIRONMENTAL TESTERS
LIGHTMETER

MODELS CA811 & CA813

Features optical sensors that are designed to match the response of the human eye

SPECIFICATIONS

MODELS	CA811	CA813*
Range	20fc, 200fc, 2000fc, 20kfc	20fc, 200fc, 2000fc, 20kfc
	20lux, 200lux, 2000lux, 20klux	20lux, 200lux, 2000lux, 20klux, 200klux
Display Resolution	0.01fc or 0.01lux	
Sensor	Silicon photodiode	
Spectral Response	CIE Photoptic Curve	
Accuracy **2856K Light Source** **Common Light Source**	±5% of Reading ±10cts ±18% of Reading ±2cts	±5% of Reading ±10cts ±11% of Reading ±2cts
Sample Rate	2.5 times per second, nominal	2.5 times per second, nominal
GENERAL		
Display	3½ digit liquid crystal display (LCD), 2000-count	
Operating Temperature	32° to 122°F (0° to 50°C), <80% RH	
Storage Temperature	-4° to 140°F (-20° to 60°C), 0 to 80% RH without battery	
Polarity	Automatic	
Power Source	One 9V Alkaline battery (included)	
Low Battery Indication	⊟ is displayed when battery voltage is low	
Dimensions	6.81 x 2.38 x 1.5" (173 x 60.5 x 38mm)	
Weight	Approx. 7.55oz (214g) including battery	Approx. 7.9oz (224g) including battery

CIE Photoptic Curve

*Note: Model CA813 offers higher sensitivity (200klux) and has a better spectral response to common light sources. Model CA811 is used to measure incandescent lighting.

PRODUCT INCLUDES

- Shockproof holster
- 9V battery
- User manual

24V CAT III CE

FEATURES

- Easy one-hand operation
- Designed to measure a wide range of lighting types
- Removable sensor for remote reading
- Measures in footcandles (fc) or lux
- Measures incandescent lighting
- Cosine corrected
- Hold function
- Max function (Model CA811)
- Peak function (Model CA813)
- CIE photoptic (human eye) response
- 2000-count backlit LCD
- Lightweight and compact
- Removable protective sensor cover
- Includes rugged, shockproof, protective and dirt resistant gray cover

APPLICATIONS

- Testing for OSHA compliance in workplace, cleanroom and industrial settings
- Ambient testing for light-sensitive displays and archives in museums and art galleries

CATALOG NO.	DESCRIPTION
2121.20	Lightmeter Model CA811
2121.21	Lightmeter Model CA813

AEMC® INSTRUMENTS

MODEL CA832

Designed to assess sound ambiences or nuisances in accordance with international safety and quality standards

IP 44 CE

FEATURES

- Easy one-hand operation
- Measures sound according to the sensitivity of the human ear
- Max function
- Three measurement ranges from 37 to 130dB
- Accuracy ±1.5dB (ref. 94dB@1kHz)
- Two time weighting curves:
  S (slow) - 550ms and F (fast) – 55ms
- Two frequency weighting curves: A and C
- Auxiliary output for recording
- Tripod mountable
- 2000-count backlit LCD
- Lightweight and compact
- Includes rugged, shockproof, protective and dirt resistant gray cover

APPLICATIONS

- Factories
- Schools and Libraries
- Airports
- Office environments and Studios
- Auditoriums
- Hospitals
- Art Galleries

SPECIFICATIONS

MODEL	CA832
MEASUREMENTS	
Measurement Range	37 to 80dB 50 to 100dB 80 to 130dB
Measurement Rate	2.5 times per second
Dynamic Range	50db
Frequency Range	31.5 to 8000Hz
Accuracy	±1.5dB (ref. 94dB@1kHz)
Resolution	0.1dB
Precision	±2.0dB
Display	2000-count
Sensor Type	0.5" (13mm) electric (prepolarized) condenser microphone True RMS measurement with independent frequency weighting
Applicable Standard	IEC 651 type 2/ANSI S 1.4 type 2/JIS C 1502
Auxiliary Output	DC output: 10mV/dB – 50Ω AC output: 1.0Vrms – 600Ω
Frequency Weighting	Curves A and C
Time Weighting	S (slow) - 550ms and F (fast) - 55ms
GENERAL	
Display	3½ digit liquid crystal display (LCD), 2000-count
Operating Temperature	32° to 122°F (0° to 50°C), 80% RH without condensation
Storage Temperature	-4° to 140°F (-20° to 60°C), 0 to 80% RH without battery
Power Source	One 9V Alkaline battery (included)
Low Battery Indication	⊟ ➕ is displayed when battery voltage is low
Dimensions	9.33 x 2.38 x 1.5" (237 x 60.5 x 38mm)
Weight	8.11oz (230g) including battery

PRODUCT INCLUDES

Shockproof holster, protective foam microphone cap, screwdriver, male jack connector, assembly screw for camera type tripod, 9V battery and user manual.

Tripod mounting screw allows for mounting on a standard tripod stand. (Tripod not included)

CATALOG NO.	DESCRIPTION
2121.23	Sound Level Meter Model CA832

MODEL CA846

Provides excellent response time to changes in temperature, good repeatability and accurate readings

SPECIFICATIONS

MODEL	CA846
MEASUREMENTS — TEMPERATURE	
Measurement Range	-4° to 140°F (-20° to 60°C)
Display Resolution	0.1°F (0.1°C)
Sensor	NTC Temperature Sensor
Accuracy	-4° to 32°F: ±2°F (-20° to 0°C: ±1°C) 32° to 140°F: ±1°F (0° to 60°C: ±0.5°C)
MEASUREMENTS — RELATIVE HUMIDITY	
Measurement Range	0 to 100% RH
Display Resolution	0.1% RH
Sensor	Capacitive Humidity Sensor
Accuracy	±5.0%, 25°C, 10% to 90% RH ±10.0%, 25°C, 0% to 10% RH, 90% to 100% RH
GENERAL	
Display	3½ digit liquid crystal display (LCD), 2000-count
Operating Temperature	32° to 122°F (0° to 50°C), 80% RH
Storage Temperature	-4° to 140°F (-20° to 60°C), 0 to 80% RH without battery
Polarity	Automatic
Power Source	One 9V Alkaline battery (included)
Low Battery Indication	⊟ ⊞⊐ is displayed when battery voltage is low
Dimensions	6.81 x 2.38 x 1.5" (173 x 60.5 x 38mm)
Weight	Approx. 7oz (197g) including battery

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FEATURES

- Easy one-hand operation
- Measures temperature in °F and °C
- Accurate NTC sensor
- Quick response RH sensor
- Max and Hold functions
- 2000-count backlit LCD
- Lightweight and compact
- Removable protective sensor cover
- Includes rugged, shockproof, protective and dirt resistant gray cover

APPLICATIONS

- Greenhouses
- HVAC installation and maintenance
- Office environments
- Labs
- Environmental studies
- Weather monitoring
- Food distribution and storage
- Blood banks

PRODUCT INCLUDES

- Shockproof holster
- 9V battery
- User manual

CATALOG NO.	DESCRIPTION
2121.24	Thermo-Hygrometer Model CA846 (NTC)

AEMC® INSTRUMENTS

MODEL CA879

Provides precision measurement with its laser target feature

CE

FEATURES

- Easy one-hand operation
- Non-contact infrared sensor
- Laser guide for precise aim
- 12:1 Field of Vision Ratio
- Measures temperature in °F and °C
- Fixed 0.95 emissivity
- Auto-HOLD function
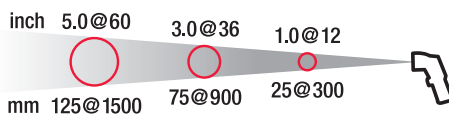- 2000-count backlit LCD

APPLICATIONS

- Electrical troubleshooting
- Food safety and processing
- Automotive repair and maintenance
- Marine maintenance and repairs
- Test faulty motor winding insulation
- Test overheated high voltage transformers
- Test terminals on circuit breaker panels
- Perform HVAC energy audits
- For Continental US only

SPECIFICATIONS

MODEL	CA879
ELECTRICAL	
Measuring Range	-58° to 1022°F (-50° to 550℃)
Resolution	0.1°F from -58° to 200°F, 1°F beyond this range 0.1°C from -50° to 200°C, 1°C beyond this range
Polarity	Automatic (minus only)
Accuracy	±1.5% of Reading ±4°F from -4° to +1022°F / ±9°F of -58° to -4°F ±1.5% of Reading ±2°C from -20° to +550℃ / ±5°C of -50° to -20℃
Emissivity	Preset at 0.95
Spectral Response	6 to 14µm
Response Time	400ms
Laser Target	1mW (670nm type)
Power Source	One 9V Alkaline battery included (6LR61 or 6LF22)
MECHANICAL	
Dimensions	9.05 x 3.93 x 2.20" (230 x 100 x 56mm)
Weight	10.23oz (290g)
ENVIRONMENTAL	

Operating:
    Temperature
    Humidity
	32° to 122°F (0° to 50℃)
	10 to 90% RH

Storage:
    Temperature
    Humidity
	-4° to 140°F (-20° to 60℃) without battery
	< 80% RH

SAFETY	
Electromagnetic Compatibility	EN 50081-1: EN 55022 EN 50082-1: EN 55024

PRODUCT INCLUDES

Soft carrying case, 9V battery and user manual.

FIELD OF VISION RATIO

Distance (D) to Spot Size (S)
D:S=12:1

inch	5.0@60	3.0@36	1.0@12

mm	125@1500	75@900	25@300

-58.0 to 1022°F (-50.0 to 550℃)

CATALOG NO.	DESCRIPTION
2121.37	Infrared Thermometer Model CA879 (-58° to 1022°F)

ENVIRONMENTAL TESTERS
TEMPERATURE

MODEL 1821/1822/1823

Versatility & high performance temperature measurement

PRODUCT INCLUDES

- 3 x 1.5V AA alkaline batteries
- 6ft USB cable, type A to type B USB
- Quick start guide
- Soft carrying case
- K Thermocouple flexible sensor (Model 1821 only)
- (2) K Thermocouple flexible sensor (Model 1822 only)
- (1) 3 pin RTD connector (Model 1823 only)
- User manual and DataView® application software included on USB Drive

FEATURES

- Selectable Thermocouple type, J, K, T, N, E, R, S (Models 1821 & 1822)
- Single and dual channel (Models 1821 & 1822)
- Dual line display (Model 1822)
- RTD temperature measurement (Model 1823)
- Works with 100 or 1000 Ohm platinum sensor (Model 1823)
- User selectable temperature units, °F, °C
- Min and Max measurements stored
- HOLD function freezes the display
- Spot or continuous recording up to 1 million measurements
- Blue luminescent backlit display
- Programmable store on alarm function
- Magnetic mount
- Programmable alarms through software
- DataView® graphing and analysis software included
- Battery or USB powered
- Free app for Android™ from the Google® Play Store

CATALOG NO.	DESCRIPTION
2121.74	Thermocouple Thermometer Data Logger Model 1821
2121.75	Thermocouple Thermometer Data Logger Model 1822
2121.76	RTD Thermometer Data Logger Model 1823
2138.66	Cable - 6ft USB Type A - Type B Micro
5000.82	3-Prong Mini Flat Pin Connector (RTD) (for Model 1823)
5000.44	MultiFix Universal Mounting System
2154.71	Carrying Pouch
2153.78	Adapter - US Wall Plug to USB
2122.31	Shock Proof Housing

AEMC® INSTRUMENTS

TEMPERATURE DATA LOGGERS MODELS 1821, 1822, 1823

	1821 THERMOCOUPLE THERMOMETER	1822 THERMOCOUPLE THERMOMETER	1823 RTD THERMOMETER
	J, K, T, N, E, R, S 1 Channel	J, K, T, N, E, R, S 2 Channel	PT100, PT1000 1 Channel
Measurement range	**J** 210 to + 1,200 °C / -346 to + 2,192 °F **K** 200 to + 1,372 °C / -328 to + 2,501 °F **T** 250 to + 400 °C / -418 to + 752 °F **N** 200 to + 1,300 °C / -328 to + 2,372 °F **E** 150 to + 950 °C / -238 to + 1,742 °F **R, S** 0 to + 1,767 °C / 32 to + 3,212 °F		- 100 to + 400°C -148 to + 752°F
Resolution	Display in °C: ø < 1,000 °C : 0.1 °C and ø ≥ 1,000°C : 1 °C Display in °F: ø < 1,000 °F : 0.1 °F and ø ≥ 1,000°F : 1 °F		Display in °C : 0.1°C Display in °F : 0.1°F
Accuracy (°C)	**J, K, T, N, E** ø ≤ - 100°C ± (0.2% Reading + 0.6°C) - 100°C < ø ≤ + 100°C ± (0.15% R + 0.6°C) + 100°C < ø ± (0.1% R + 0.6°C) **R, S** ø ≤ + 100°C ± (0.15% R + 1.0°C) + 100°C < ø ± (0.1% R + 1.0°C)		± (0.4% R + 0.3°C)

FUNCTIONS	
Recording	Manual start/stop Short press on MEM: spot recording / Long press on REC: recording at the user selectable rate Programmed recording rates from 1 minute to 2 hours Start date and end date can be customized with the PC software
Alarms	Alarm thresholds set using the software. Visual alert on the product in the event of an overrun Recording can be triggered on alarm thresholds
Data storage	More than 1 million measurements
Min-Max	Real-time display of Min and Max readings available at the press of a button
Hold	Freezes the measurement value on the display
Differential measurement	Model 1822 only
Units	°C or °F
Backlighting	Blue luminescent
Automatic power off	User selectable choice of 3 minutes, 5 minutes, 10 minutes, or off through DataView® software

POWER SUPPLY	
Type	3 x 1.5V AA / LR6 alkaline batteries Connection to line power using supplied micro-USB cable. Wall adapter sold separately
Battery life	Model 1821 & 1822: 1,000 hrs (portable mode) Model 1823 : 800 hrs (portable mode) 3 years for recording (15-minute measurement interval)

PHYSICAL SPECIFICATIONS	
Interfaces	2 communication modes: Bluetooth and USB
Mounting	Case equipped with a magnet, a wall mount system and a slot for suspension of the product. Compatible with the Multifix accessory (Cat. 5000.44). Shock proof housing available as an accesory
Connections	Compensated miniature female connectors — 3-point flat connector
Dimensions/Weight	5.9 x 2.84 x 1.28" (150 x 72 x 32mm) / 9.2oz (260g) with batteries
Protection	IP54
Operating Range	Temperature from 14 to 140 °F (-10 to +60 °C) / Humidity from 10 to 90 %RH
Standards	IEC61010-1 / IEC 61326-1

GENERAL SPECIFICATIONS	
DataView® Software Functions	Real-time mode; Automatic report generation in Microsoft Word format Graph or value-table presentation; Data export in graph or Microsoft Excel table format
Warranty	2 years

MODEL 1110

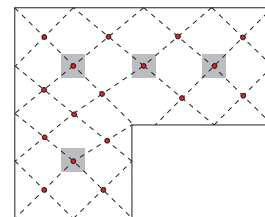### Features optical sensors that are designed to match the response of the human eye

SPECIFICATIONS

MODELS	1110	
Measurement Range	.01 lx to 200,000lx	0.01 fc to 18,580 fc
Accuracy	±3% of R on incandescent sources ±6% of R on LEDs (3,000K to 6,000K) ±9% of R on flourescent sources	
Accuracy with compensation	LED mode: ±4% of R (at 4,000K) Flou mode: ±4% of R (type F11, 4,000K)	
Display Resolution	0.1 lx (0.1 lx to 999.9 lx) 1 lx (1,000 lx to 9,999 lx) 10 lx (10,000 lx to 99.99 klx) 100 lx beyond	0.01 fc (0.01 fc to 99.99 fc) 0.1 fc (100.0 fc to 999.9 fc) 1 fc (1,000 fc to 9,999 fc) 10 fc beyond
Recording	Manual start/stop on the product Short press for MEM: spot recording/long press for REC at the defined default rate Programed recording: start date, recording interval, and end date defined using DataView® software	
Other Functions	MIN-AVG-MAX-HOLD	
Sampling Rate	Programmable from 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr	
MAP mode	The MAP mode can be used to map the lighting on the surface of a room. In this case the measurements are saved in the same file	
Memory	1,000,000 measurements on each channel (4MB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.	
Communication	USB 2.0 and Bluetooth	
Power Source	3x1.5V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)	
Battery Life	500hrs, 3yrs with 15min intervals	
Dimensions	Case: 5.9 x 2.84 x 1.28" (150 x 72 x 32mm) Sensor: 2.64 x 2.52 x 1.38" (67 x 64 x 35mm)	
Weight (with battery)	12.2 oz (345g) with batteries	
Case	Polycarbonate	
Operating temperature	14° to 140°F (-10° to 60°C)	
Storage temperature	-4° to 140°F (-20° to 60°C)	
Relative Humidity	Up to 90%	
Ingress Protection (IP)	IP50 with USB connector closed and protective cap on sensor	
EMC	EN 61326-1	
Safety Compliance	IEC 61010-1	
Warranty	2 years	

FEATURES

- User selectable light source, natural, LED or fluorescent
- Spectral error compensation for LED and fluorescent lighting
- Removable light sensor with expandable cable up to 48"
- Map mode profiles the illuminance map of the area or room by storing multiple measurements
- Min, Max, and Average measurements stored
- Free app for Android™ from the Google® Play Store
- Spot or continuous recording of up to 1,000,000 measurements stored in 8MB flash memory
- Blue luminescent backlit display
- User selectable Foot Candle or Lux units
- USB and Bluetooth communication
- Magnetic mount
- Battery or USB powered
- DataView® graphing and analysis software included

Measure and record multiple measurements to create an illuminance map of the room or area of interest

CATALOG NO.	DESCRIPTION
2121.71	Lightmeter Data Logger Model 1110
2118.65	Soft Carrying Case
2138.66	Cable - 6 ft USB Type A - Type B Micro
2118.09	General Purpose Carrying Case
2122.31	Shock Proof Housing
2153.78	Adapter - US Wall Plug to USB
5000.44	Multifix Universal Mounting System

AEMC®
INSTRUMENTS

MODEL 1227

Easily measure and record wind speed, air flow, and temperature

FEATURES

- Measures temperature and air measurements
- Free app for Android™ from the Google® Play Store
- User selectable wind speed or air flow measurement
- User selectable measurement units m/s, fpm, km/h, mph or m^3s, m^3h, R/s, cfm
- Map mode profiles the illuminance map of the area or room by storing multiple measurements
- Removable anemometer with expandable cord up to 48"
- Min, Max and Average measurements stored
- Hold function freezes the display
- Spot or continuous recording up to 1 million measurements stored in 8MB flash memory
- Blue luminescent backlit display
- USB and Bluetooth communication
- Magnetic mount
- Battery or USB powered
- DataView® graphing and analysis software included

2122.32
Set of Air Flow Measurement Cones

SPECIFICATIONS

MODELS	1227	
	Air Speed	**Air Flow**
Measurement Range	0.52m/s to 27.0m/s (98.0 to 5,315fpm)	0.00 to 2,999m^3/h
Accuracy	±3% of R ± 0.1m/s	8% of R
Resolution	0.01m/s from 0.5 to 98.0m/s .1fpm from 98.4 to 99.9fpm 0.1m/s from 3.0 to 27.0m/s 1fpm from 100 to 5,315fpm	0.01m3/h from 0.00 to 2.99m^3/h 0.1 m3/h from 3.0 to 99.9m^3/h 1m3/h from 100 to 2.99fm^3/h
Recording	Manual start/stop on the product Short press for MEM: spot recording/long press for REC at the defined default rate Programed recording: start date, recording interval, and end date defined using DataView® software	
TEMPERATURE		
Sensor	CTN	
Accuracy	32° to 122°F: ±1.4°F -4° to 32°F: ±2.3°F	0° to 50°C: ±0.8°C -20° to 0°C: ±1.6°C
Resolution	0.1°F	0.1°C
GENERAL		
Other Functions	MIN-AVG-MAX-HOLD	
Sampling Rate	Programmable from 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr	
MAP mode	The MAP mode can be used to map the air speeds on the surface of a room. In this case the measurements are saved in the same file	
Memory	1,000,000 measurements on each channel (4MB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.	
Communication	USB 2.0 and Bluetooth 4.0 BLE range 1m typical	
Power Source	3x1.5V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)	
Battery Life	200 hrs., / 8 days when recording with 15 minutes intervals	
Dimensions	Case: 5.9 x 2.84 x 1.28" (150 x 72 x 32mm) Sensor: 6.3 x 3.15 x 1.5" (160 x 80 x 38mm)	
Weight (with battery)	14.1oz (400g) with batteries	
Case	Polycarbonate	
Operating temperature	14° to 140°F (-10° to 60°C)	
Storage temperature	-4° to 140°F (-20° to 60°C)	
Relative Humidity	Up to 90%	
Ingress Protection (IP)	IP40	
EMC	EN 61326-1	
Safety Compliance	IEC 61010-1	
Warranty	2 years	

CATALOG NO.	DESCRIPTION
2121.72	Thermo-Anemometer Data Logger Model 1227
2118.65	Case - Soft Carrying Case
2122.33	Replacement Air Flow Sensor
2138.66	Cable - 6ft USB Type A - Type B Micro
2118.09	General Purpose Carrying Case
2122.31	Shock Proof Housing
2122.32	Set of Air Flow Measurement Cones
2153.78	Adapter - US Wall Plug to USB
5000.44	Multifix Universal Mounting System

MODEL 1246

Measure humidity & temperature in all conditions

FEATURES

- Measures temperature, humidity and dew point
- Dual line display toggles between any two of the measurements
- User selectable temperature units, °F, °C
- Built in sensor with removable protective cap
- Min, and Max measurements stored
- Hold function freezes the display
- Spot or continuous recording up to 1 million measurements
- Blue luminescent backlit display
- Programmable alarms for temperature and humidity through included software
- USB and Bluetooth communication
- Magnetic mount
- Battery or USB powered
- DataView® graphing and analysis software included

PRODUCT INCLUDES

- Soft carrying case
- 3 x 1.5 V AA alkaline batteries
- 6ft USB cable, type A to type B USB
- Quick start guide
- User manual and DataView® application software included on USB Drive

CATALOG NO.	DESCRIPTION
2121.73	Thermo-Hygrometer Data Logger Model 1246
2138.66	Cable - 6ft USB Type A - Type B Micro
2154.71	Carrying Pouch
2118.09	General Purpose Carrying Case
2122.31	Shock Proof Housing
2153.78	Adapter - US Wall Plug to USB
5000.44	Multifix Universal Mounting System

AEMC® INSTRUMENTS

MODEL 1510

Monitor CO2, temperature, and humidity for a healthy environment

FEATURES

- CO2, temperature, and humidity logger
- Free app for Android™ from the Google® Play Store
- 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
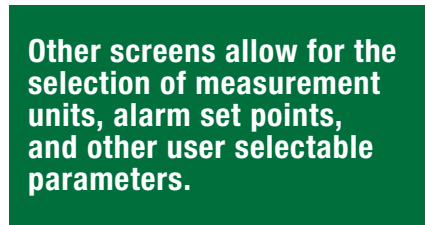
PRODUCT INCLUDES

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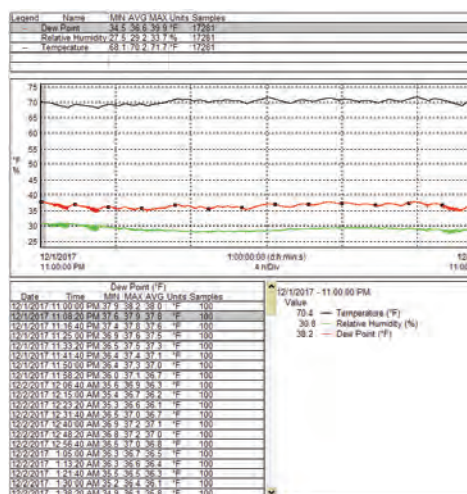- User manual and DataView® application software included on USB Drive

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

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 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

Data*View*®

DATA ANALYSIS AND REPORTING SOFTWARE

USE DATAVIEW® TO CONFIGURE ALL USER SELECTABLE FUNCTIONS ON

MODELS 1110, 1227, 1246, 1821, 1822, 1823 & 1510

You can view measurements in real-time, download & analyze stored data, and create customizable reports all with DataView®·

Typical status screen shows current state of the instrument

The recording configuration screen provides the ability to assign a name & location to the recording session, set the retrieval rate, and schedule when recordings will start and stop. It also displays memory usage.

Other screens allow for the selection of measurement units, alarm set points, and other user selectable parameters.

Typical graphic of recorded data displays recorded measurements vs. time as well as min, max, and average measurements for the recording. A movable cursor lets you see values at the cursor location

A typical report will include a plot of the data as well as a listing of the measurements.

A report cover sheet provides information about the operator and the test site as well as a comment section for the operator to type in the test results and recomendations

AEMC®
INSTRUMENTS