

ENVIRONMENTAL TESTERS

THERMO-HYGROMETER



MODEL 1246

Measure humidity and 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 or °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

PRODUCT INCLUDES

Soft carrying case, 6 ft USB cable (*Type A to Type B USB*), (3) 1.5 V AA alkaline batteries, printed quick start guide, and a USB drive with DataView® software and user manual.

ACCESSORIES

- | | |
|---|--|
| CAT. #2118.09
General Purpose Carrying Case | CAT. #2138.66
6 ft USB cable |
| CAT. #2118.65
Soft Carrying Case | CAT. #2153.78
Adapter - US Wall Plug to USB |
| CAT. #2122.31
Shockproof Housing | CAT. #5000.44
MultiFix Universal Mounting System |

MODEL	1246
RELATIVE HUMIDITY	
Measurement Range	(3.0 to 98.0) % RH
Accuracy	(10 to 90) % RH: ± (2 % RH ± 1 ct), outside that range: ± (4 % RH ± 1 ct)
Resolution	0.1 % RH
Response Time (66 %)	60 s
TEMPERATURE	
Type of Sensor	Temperature sensor with semiconductor
Measurement Range	(-10.0 to + 60.0) °C; (14.0 to + 140.0) °F
Resolution	Display in °C: 0.1 °C; Display in °F: 0.1 °F
Accuracy (°C)	(10 to 40) °C: ± (0.5 °C ± 1 ct) Outside that range: ± (0.032 x (T-25) ± 1 ct) / T= temperature in °C
Response Time (66 %)	30 s
DEW POINT	
Measurement Range	(-10.0 to + 60.0) °Ctd; (14.0 to + 140.0) °Ftd
Resolution	Display in °C: 0.1 °C; Display in °F: 0.1 °F
FUNCTIONS	
Recording	Manual Start / Stop. Short press for MEM: spot recording. Long press for REC: recording at the user selectable rate. Programmed recording rates from 1 min to 2 h. Start and end dates can be customized with the PC software
Alarms	Alarm thresholds settable in the software Recording can be triggered on an alarm threshold
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
Units	°C or °F / % RH
Automatic power-off	User selectable choice of 3 min, 5 min, 10 min, or OFF through DataView® software
POWER SUPPLY	
Type	(3) 1.5 V AA / LR6 alkaline batteries. Connection to line power using supplied micro-USB cable. Wall adapter sold separately.
Battery Life	1000 h (<i>portable mode</i>) 3 y of recording (<i>15-minute measurement interval</i>)
GENERAL	
Interfaces	2 Communication modes: Bluetooth® wireless link and USB
Mounting	Case equipped with a magnet for mounting to a metal surface and a tear drop for wall mounting. Compatible with the Multifix accessory (<i>CAT. #5000.44</i>)
Dimensions / Weight	(7.36 x 2.84 x 1.28) in (187 x 72 x 32) mm / 14.1 oz (400 g) with batteries
Operating Range	Temperature: (14 to 140) °F (-10 to +60) °C / Humidity: (10 to 90) % RH
DataView® software Functions	Display as a graph or table of values; Data export in graph / MS Excel table; Real-time mode; Automatic standard or custom report generation
SAFETY / WARRANTY	
Safety Rating	IEC 61010-1 / IEC 61326-1
Ingress Protection	IP54
Warranty	2 y

Consult factory for NIST Calibration prices.

CAT. #	DESCRIPTION
2121.73	Thermo-Hygrometer Data Logger Model 1246

