



# ENVIRONMENTAL TESTERS

## Thermo-Hygrometer Data Logger

### Model 1246

### Monitor and record temperature, humidity, and dew point

#### ► SPECIFICATIONS

MODELS	1246	
RELATIVE HUMIDITY		
Measurement Range	3 to 98% RH	
Accuracy	± 2%RH + 1 ct (10 to 90%RH)	±4%RH + 1 ct (outside this range)
Resolution	0.1%RH	
TEMPERATURE		
Sensor	Semiconductor	
Measurement Range	14.0° to 140.0°F	-10.0° to 60.0°C
Accuracy	50.0° to 104.0°F: ±2.5°F + 1ct	10.0° to 40.0°C: ±0.5°C + 1ct
Resolution	0.1°F	0.1°C
DEW POINT		
Measurement Range	14.0° to 140.0°Ftd	-10.0° to 60.0°Ctd
Accuracy	±1.8°F >30%RH ±2.7°F from 20 to 30%RH	±1.0°C >30%RH ±1.5°C from 20 to 30%RH
Resolution	0.1°F	0.1°C
GENERAL		
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	
	Alarm threshold settable on the software/ Recoding can be triggered on an alarm threshold	
Alarm		
MIN-MAX-HOLD	Yes	
Sampling Rate	Programmable from 1s, 2s, 5s, 10s, 20s, 30s, 2min, 5min, 10min, 15min, 30min, and 1hr	
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 4.9 BLE range 10m typical	
Power Source	3x1.5V AA (LR6) alkaline batteries or USB port (micro-USB adaptor offered as an accessory)	
Battery Life	1,000hrs / 3yrs when recording with 15min intervals	
Dimensions	7.36 x 2.84 x 1.28" (187 x 72 x 32mm)	
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)	IP54 with USB connector closed and protective cap in place	
EMC	EN 61326-1	
Safety Compliance	IEC 61010-1	
Warranty	2 years	



#### ► 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 software
- USB and Bluetooth communication
- Magnetic mount
- Battery or USB powered
- DataView® graphing and analysis software included

#### CATALOG NO.

#### DESCRIPTION

2121.73

Thermo-Anemometer Data Logger Model 1246