

Thermo-Hygrometer Model CA846



Accurate RTD temperature sensor and quick response RH sensor



Description

The Thermo-Hygrometer Model CA846 is a portable, compact digital meter designed for simplicity and one-hand operation. The meter uses an RTD Pt385/1000Ω as the temperature sensor, providing excellent response time to changes in temperature, good repeatability and accurate readings. The Model CA846 also utilizes a thin film polymer capacitive type relative humidity sensor as hygrometer sensor, offering excellent recovery from 100% moisture, and fast response time and durability.

Features

- Easy one-hand operation
- Accurate RTD sensor
- Measures temperature in °F and °C
- Quick response RH sensor
- MAX and HOLD functions
- Backlight
- Lightweight and compact
- Includes protective, safety yellow holster

Applications

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



Test Equipment Depot
99 Washington Street
Melrose, MA 02176-6024

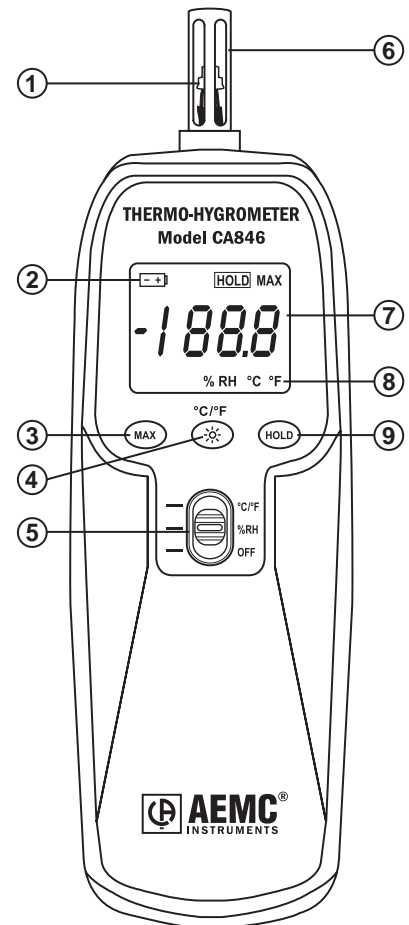
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Specifications

MODEL	CA846
MEASUREMENTS -Temperature	
Measurement Range:	-4° to 140°F or -20° to 60°C
Display Resolution:	0.1°F or 0.1°C
Sensor:	Pt385/1000Ω RTD Temperature Sensor
Accuracy:	-4° to 32°F: ± 2°F or -20° to 0°C: ± 1°C 32° to 140°F: ± 1°F or 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:	± 2.5% RH (25°C, 10% to 90% RH) ± 5.0% RH (25°C, 0% to 10% RH, 90% to 100% RH)
MECHANICAL	
Display:	3½ digit liquid crystal display (LCD)
Polarity:	Automatic
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. 6.2 oz (175g) including battery



Take accurate temperature and humidity measurements in a variety of environments.



1. Temperature/humidity sensors
2. Low battery indicator
3. MAX button
4. °C/°F selector & backlight
5. Power/mode selector
6. Protective sensor cover
7. 3½ digit display
8. Mode indicator
9. HOLD button



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