

# Thermo-Hygrometer Model CA846



*Accurate NTC temperature sensor and quick response RH sensor*



The Thermo-Hygrometer Model CA846 is a portable, compact digital meter designed for simplicity and one-hand operation. The meter uses an NTC 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
- 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, dirt resistant holster

## Applications

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

# Specifications

<b>MODEL</b>	<b>CA846</b>
<b>MEASUREMENTS – Temperature</b>	
Measurement Range	-4° to 140°F or -20° to 60°C
Display Resolution	0.1°F or 0.1°C
Sensor	NTC 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
<b>MEASUREMENTS – Relative Humidity</b>	
Measurement Range	0% to 100% RH
Display Resolution	0.1% RH
Sensor	Capacitive Humidity Sensor
Accuracy	±2.5%, 25°C, 10% to 90% RH ±5.0%, 25°C, 0% to 10% RH, 90% to 100% RH
<b>MECHANICAL</b>	
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	9V Alkaline battery
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 with the Thermo-Hygrometer Model CA846.



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

<b>ORDERING INFORMATION</b>	<b>CATALOG NO.</b>
Thermo-Hygrometer Model CA846 ..... <b>Cat. #2121.24</b>	
Includes 9V Alkaline battery, rugged, shockproof, protective, dirt resistant gray holster and user manual	

## Contact Us

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