CEM

This device measures Humidity, Air Temperature, Dew Point temperature and Wet Bulb temperature. Advanced features include Data Hold, Auto Power Off, and MAX/MIN reading.

DT-8892

PRECISION HYGRO-THERMOMETER

l   Fast Response Time

l   High Accuracy

l   Max Hold

l   Data Hold

l   Dual Backlit Display

l   Dew Point & Wet Bulb Temperature

l   Absolute Humidity Measurement (Grams per cubic meter / Grams per cubic feet)

High performance and quality sensor

General Specifications

Function	Range and Resolution	Accuracy
Humidity	0.0 to 100.0%RH	±2%RH (40% to 60%) ±3%RH (20 to 40% and 60 to 80%) ±4%RH (0 to 20% and 80 to 100%)
Temperature	-4.0 to 140.0°F (-20.0 to 60.0°C)	±1.8°F (±1°C)
	-22.0 to – 3.9°F and 140.1 to 212.0°F (-30.0 to -19.9°C and 60.1 to 100.0°C)	±2.7°F (±1.5°C)
Display	Dual LCD	
Response Time:	<15 seconds (90% of final value in moving air)	
Sensor Type	Humidity : Precision capacitance sensor	
	Temperature : Thermistor	
Absolute Humidity	0 to 500g/m³, 0 to 218.5gr/ft³ (calculated from RH and Air temperature measurements)	
Wet Bulb	32 to 176°F (0°C to 80°C) (calculated from RH and Air temperature measurements)	
Dew Point	-22 to 212°F (-30°C to 100°C) (calculated from RH and Air temperature measurements)	
Operating Conditions	32°F to 122°F (0°C to 50°C); < 80% RH non-condensing	
Storage Conditions	-40°F to 185°F (-40°C to 85°C); <99% RH non-condensing	
Power Supply	9 Volt battery	
Battery Life	Approx. 48 hours	
Dimensions / Weight	300x 75 x 50 (mm); 400g	

Accessories

Battery, Carrying case, Instruction Manual and Test Certificate.