



SuperHeat Psychrometer

Measures Dew Point (-90.4° to +122°F)
PLUS Wet Bulb, Humidity, Air Temperature
and Differential Temperature

**ALL THIS FROM ONE COMPACT,
LOW COST INSTRUMENT**

Perfect for*:

1. Differential measurements
2. Trend analysis of zone temperatures
3. Evaluating duct losses
4. Monitoring wet bulb, dew point, humidity and temperature
5. Mold prevention programs
6. Humidity monitoring in manufacturing or storage area

*NOT for use with hot air dryers



Item #150232

INCLUDES: Meter,
two Type K Bead Wire
Temperature Probes,
4 AAA Batteries and
One Year Warranty

All for just
\$149.95
IN STOCK

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Item #151011

SAME AS ABOVE PLUS N.I.S.T. CERTIFICATION

\$273.00



Unique sensor cap design twists to closed position for protection during storage

Simultaneous Display of %RH plus Dew Point or Temperature, Wet Bulb or External Probe Temperatures and Date/Time

Auto Power OFF to save battery life

Retrieve Max/Min Readings with Date and Time + Average Function

Switchable °F/°C Temperature Units with 0.1° resolution



Humidity Sensor & Air Temperature Sensor

Built-in RS-232 Interface – uses Windows® HyperTerminal to download data to a PC

Triple Display with Backlighting

Real Time Clock

Recall/Data Hold (freezes current reading on display)

Built-in Memory of up to 99 Data Records

Differential Measurements:
T1-T2, Air-T1, T1-Dewpoint



Dual Type K External Temperature Probe input (T1, T2)

Lightweight / Portable / Easy to Use
(Eliminates the need for expensive chart recorders)

SPECIFICATIONS

Function	Range & Resolution	Accuracy
Humidity	0.0 to 100.0% RH	±3% RH (10 to 90%) @ 23°C
Temperature (air)	-4.0 to 122.0°F (-20 to 50°C)	±1.8°F (±1°C)
Temperature (external) T1, T2	-328 to 2,250°F (-200 to 1,370°C)	±0.3% rdg or ±(1.8°F)1°C
Display	Triple LCD	
Sensor Type	Humidity: Precision capacitance sensor Internal Temperature: Thermistor External Temperature: Type K Thermometer	
Response Time	60 seconds typical	
Dew Point	-90.4 to 122.0°F (-68 to 50°C) (calculated from RH and air temperature measurements)	
Wet Bulb	-6.88 to 122.0°F (-21.6 to 50°C) (calculated from RH and air temperature measurements)	
Low Battery Indicator	Yes	
Power Supply	4 x 1.5V 'AAA' Batteries	
Dimensions	9 x 2.2 x 1.7" (230 x 57 x 44mm)	
Weight	5.3 oz. (153g)	



www.imscompany.com | phone order toll-free (USA & Canada) 1.800.537.5375

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