Pocket Hygro-Thermo-Anemometer-Light Meter

✓ *Rugged 4-in-1 Environmental Meter*
Measures Humidity, Temperature, Air Velocity and Light

Features:

- Ergonomic pocket size housing with large dual LCD simultaneous display of Temperature and Air Velocity or Relative Humidity
- Characters on display reverse direction depending on Hygro-Thermo-Anemometer or Light Mode
- Data Hold to freeze the displayed value
- Records Min/Max readings
- Built-in low friction vane wheel improves accuracy of air velocity in ft/min, MPH, m/s, km/h, and Knots
- Built-in precision thin-film capacitance humidity sensor for fast response
- Built in thermistor for ambient temperature measurements
- Type K input measures temperature to 2372° (1300°C) using optional Type K probe
- Utilizes precision photo diode and color correction filter
- Cosine and color corrected light measurements
- Defaults to last function when powered off
- Auto power off 10 minutes after last key is pressed with disable feature
- Low Battery and overrange indication
- Complete with built-in Humidity sensor, Light sensor and Vane wheel, wrist strap, and 9V battery. (Optional Type K thermocouple probe)

Measurements	Range	Resolution	Basic Accuracy (Full Scale)
Air Velocity			
ft/min (feet per minute)	80 to 5910 ft/min	10ft/min	±3%
m/s (meters per second)	0.4 to 30m/s	0.1m/s	±3%
km/h (kilometers per hour)	1.4 to 108km/h	0.1km/h	±3%
MPH (miles per hour)	0.9 to 67MPH	0.1MPH	±3%
knots (nautical miles per hour)	0.8 to 58.3 knots	0.1knots	±3%
Light			
Foot Candles	0 to 1860Fc	0.1Fc	±(5% rdg + 8 digits)
Lux	0 to 20,000Lux	1Lux	±(5% rdg + 8 digits)
Temperature (thermistor)	32 to 122°F	0.1°F	±2.5°F
	0 to 50°C	0.1°C	±1.2°C
% Relative Humidity	10 to 95%RH	0.1%RH	±4%RH of reading
Temperature (thermistor)	32 to 122°F	0.1°F	±2.5°F
	0 to 50°C	0.1°C	±1.2°C
Temperature (Type K)	-148°F to 2372°F	0.1°F	±(1%+2°F) of reading
	-100°C to 1300°C	0.1°C	±(1%+1°C) of reading
Power	9V battery		
Dimensions	Meter: 6.1 x 2.4 x 1.3" (156 x 60 x 33mm); Vane: 1.2" (31mm)		
Weight	5oz (160g)		

Ordering Information:

45170 ....Pocket Hygro-Thermometer-Anemometer-Light Meter
TP870 ....Type K Bead Wire Thermocouple
409992 ....Vinyl Pouch Carrying Case

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