Hygro-Thermo-Anemometer-Light-Sound Meter

✓ *Rugged 5-in-1 Environmental Meter*
Measures Humidity, Temperature, Air Velocity, Light and Sound

Test Equipment Depot
1-800-517-8431

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Melrose, MA 02176
Phone 781-665-1400
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▶ Visit us at www.TestEquipmentDepot.com

Features:

- 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-Sound 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)
- Utilizes precision photo diode and correction filter for Cosine and color corrected light measurements
- Sound Level measurement meets IEC 61672 class 2 using A frequency weighting and fast response time
- 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
- Tripod mount
- RS-232 PC interface
- Complete with built-in Humidity, Light, Sound and Temperature sensors, Vane wheel, windscreen, Type K thermocouple probe, pouch case, and six 1.5V AAA batteries.

Measurements	Range	Resolution	Basic Accuracy (Full Scale)
Air Velocity			
ft/min (feet per minute)	80 to 5910 ft/min	1ft/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
Sound	35 to 130dB	0.1dB	±1.4dB
Frequency	31.5 to 8,000Hz		
Weighting/Response	A weighting/fast response		
Power	6 x AAA batteries		
Dimensions	Meter: 9.8 x 2.8 x 1.3" (248 x 70 x 34mm); Vane: 1.2" (31mm)		
Weight	11.8oz (335g)		

Ordering Information:

EN300 ....Hygro-Thermometer-Anemometer-Light-Sound Meter
TP870 ....Type K Bead Wire Thermocouple

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