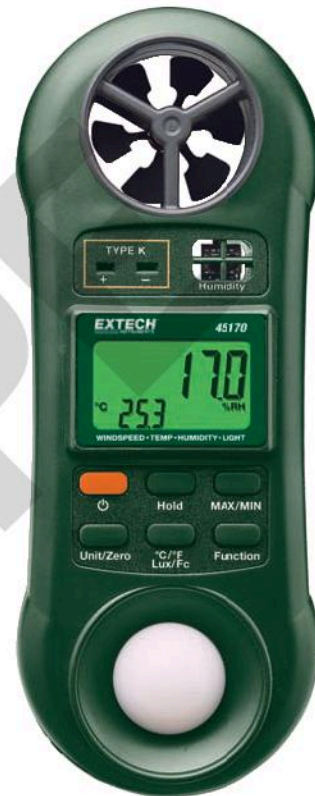# Environmental Meter

✓ **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°F (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
Air Velocity			
ft/min	80 to 5910 ft/min	10ft/min	±3% FS
m/s	0.4 to 30m/s	0.1m/s	±3% FS
km/h	1.4 to 108km/h	0.1km/h	±3% FS
MPH	0.9 to 67MPH	0.1MPH	±3% FS
knots	0.8 to 58.3 knots	0.1knots	±3% FS
Light			
Foot Candles (Fc)	0 to 1860Fc	0.1Fc	±(5% rdg + 8 digits)
Lux	0 to 20,000Lux	1Lux	±(5% rdg + 8 digits)
Relative Humidity	10 to 95%RH	0.1%RH	±4%RH of rdg
Temperature (Thermistor)	32 to 122°F (0 to 50°C)	0.1°	±2.5°F (1.2°C)
Temperature (Type K)	-148°F to 2372°F (-100°C to 1300°C)	0.1°	±(1%+2°F)/(1%+1°C) of rdg
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 ....Environmental Meter
TP870 ....Type K Bead Wire Thermocouple
409992 ......Vinyl Pouch Carrying Case