

# Pocket Hygro-Thermo-Anemometer

**Rugged 3-in-1 meter**  
Measures Humidity, Temperature, and Air Velocity

## Features:

- Ergonomic pocket size housing with large dual LCD simultaneous display of Temperature and Air Velocity or Relative Humidity
- 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
- High temperature measurements using Type K thermocouple
- 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 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%
Temperature (thermistor)	32 to 122°F 0 to 50°C	0.1°F 0.1°C	±2.5°F ±1.2°C
% Relative Humidity	10 to 95%RH	0.1%RH	±4%RH of reading
Temperature (thermistor)	32 to 122°F 0 to 50°C	0.1°F 0.1°C	±2.5°F ±1.2°C
Temperature (Type K)	-148°F to 2372°F -100°C to 1300°C	0.1°F 0.1°C	±(1%+2°F) of reading ±(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:

- 45160 .....Pocket Hygro-Thermometer-Anemometer  
TP870 .....Type K Bead Wire Thermocouple  
409992 .....Vinyl Pouch Carrying Case

