

# 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<br>0 to 50°C                                     | 0.1°F<br>0.1°C | ±2.5°F<br>±1.2°C                             |
| % Relative Humidity             | 10 to 95%RH  | 0.1%RH         | ±4%RH of reading                             |
| Temperature (thermistor)        | 32 to 122°F<br>0 to 50°C                                     | 0.1°F<br>0.1°C | ±2.5°F<br>±1.2°C                             |
| Temperature (Type K):           | -148°F to 2372°F<br>-100°C to 1300°C                         | 0.1°F<br>0.1°C | ±(1%+2°F) of reading<br>±(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

