



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

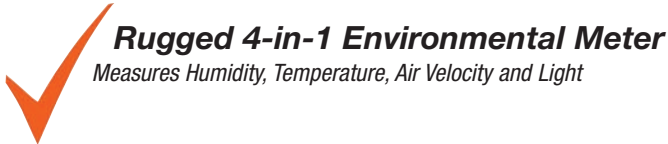
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## 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

