



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!



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## Environmental Meter

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

### 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 and Min/Max functions
- Built-in low friction vane wheel improves accuracy of air velocity, precision thin-film capacitance humidity sensor for fast response, and thermistor for ambient temperature measurements
- Type K input measures temperature up 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
- Auto power off 10 minutes after last key is pressed with disable feature; Low Battery and overrange indication
- Tripod mount (Optional TR100 tripod)
- PC interface with optional Data Acquisition Software 407001
- Complete with built-in sensors, Vane wheel, windscreen, Type K thermocouple probe, pouch case, and six 1.5V AAA batteries



Air Velocity and Temperature



Relative Humidity



Light intensity



Sound Level Measurement

Measurements	Range	Resolution	Basic Accuracy
Air Velocity			
ft/min	80 to 5910 ft/min	1ft/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	0 to 1860Fc	0.1Fc	±(5% rdg + 8d)
Lux	0 to 20,000Lux	1Lux	±(5% rdg + 8d)
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
Type K	-148 to 2372°F (-100 to 1300°C)	0.1	±(1%+2°F/1°C) of rdg
Sound			
dB	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 .....Environmental Meter  
 TP870 .....Type K Bead Wire Thermocouple  
 TR100 .....Tripod  
 UA100-240 ....Universal AC Adapter with 4 plugs (US, EU, UK, AU)  
 407001 .....Data Acquisition Software

