



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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EN510 10-in-1 Environmental Meter



Convenient 10-in-1 Environmental Meter measuring Air Velocity, Air Flow, Air Temperature, Type K Temperature, Heat Index, Humidity, Wet Bulb, Dew Point, Windchill, and Light Level. Includes built-in low friction ball bearing mini vane wheel, a precision photo diode with cosine and color correction filter, and a capacitive humidity sensor for high accuracy. The Type K input accepts standard Type K Thermocouple probes to measure surface temperature up to 2372°F (1300°C). Features large dual LCD with backlighting, Data Hold, and Min/Max function.



Features

- Measures Air Velocity, Air Flow, Temperature (Air/ Type K), Humidity, Wet Bulb, Dew Point, Heat Index, Wind Chill, and Light
- Replaceable low friction ball bearing mini vane wheel to retain high accuracy
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- Backlit display to view in dimly lit areas
- Data Hold and Min/Max functions
- Auto power off with disable
- Tripod mount (optional TR100 Tripod sold separately)
- Complete with wrist strap, general purpose Type K bead wire probe, and three AAA batteries

See page 2 for specifications

Ordering

- EN510 Environmental Meter
- EN100-V Replacement Mini Impeller (Vane) - 2pk
- TP870 Type K Bead Wire Temperature Probe (-40 to 482°F/-40 to 250°C)
- TP873 Type K Bead Wire Temperature Probe (-22 to 572°F/-30 to 300°C)
- TP875 Type K Bead Wire Temperature Probe (-40 to 482°F/-40 to 250°C)
- TP870 Type K Bead Wire High Temperature Probe (-58 to 1000°F/-58 to 538°C)

Visit extech.com and go to accessories category for more temperature probe options



EN510 UPC Code: 793950440513

Specifications	Range	Max Resolution	Basic Accuracy
Air Velocity			
ft/min	80 to 3937 ft/min	1ft/min	±3%FS
m/s	0.4 to 20m/s	0.1m/s	±3%FS
km/h	1.4 to 72km/h	0.1km/h	±3%FS
MPH	0.9 to 44.7MPH	0.1MPH	±3%FS
knots	0.8 to 38.8 knots	0.1knots	±3%FS
Air Flow			
CFM	0.847 to 1,271,300	0.001CFM	
CMM	0.024 to 36,000	0.001CMM	
Temperature (Air)	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°	±(0.4% + 1.8°F); ±(0.4% + 1°C)
Humidity	10 to 95% RH	0.1% RH	±0.4%
Wet Bulb	22.2 to 120°F (-5.4 to 49.0°C)	0.1°	Calculate
Dew Point	-13.5 to 120.0°F (-25.3 to 49.0°C)	0.1°	Calculate
Windchill	15 to 112°F (-9.4 to 44.2°C)	0.1°	±3.6°F (±2°C)
Heat Index	32 to 212°F (0 to 100°C)	0.1°	
Light	0 to 1860 Fc (0 to 20,000 Lux)	0.1Fc (1 Lux)	±5%
Dimensions/ Weight	6.0 x 2.3 x 1" (153 x 58 x 25mm)/ 5.6oz (160g)/ Vane Diameter ~1" (27mm)		