



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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## 45170CM 5-in-1 Environmental Meter with CFM/CMM

Extech's convenient 5-in-1 Environmental Meter measures Air Velocity, Air Flow, Humidity, Temperature, and Light. This multi-functional meter is ideal for professional or home use in testing the environmental quality in a building.



Air Velocity

Air Flow

Light Level

Relative Humidity

Surface Temperature



### Features

- Ergonomic housing with large dual "smart" LCD where characters on display reverse direction depending on the function in use
- Low friction vane wheel improves accuracy of Air Velocity and Air Flow measurements
- Utilizes precision photo diode and color correction filter for light measurements
- Thin-film capacitance humidity sensor for fast response
- Thermistor measures ambient Temperature
- Type K input measures Temperature to 2372°F (1300°C) using optional Type K probe
- Data Hold and Min/Max
- Auto power off with disable feature
- Low battery and overrange indication
- Complete with built-in sensors, wrist strap, and 9V battery; Type K thermocouple probe sold separately

Specifications	Range	Resolution	Basic Accuracy
Air Velocity	ft/min	80 to 5910 ft/min	1ft/min
	m/s	0.4 to 30m/s	0.1m/s
	km/h	1.4 to 108km/h	0.1km/h
	MPH	0.9 to 67MPH	0.1MPH
	knots	0.8 to 58.3 knots	0.1knots
Air Flow	CFM (CMM)	0.01 to 1,908,400CFM (0.001 to 54,000CMM)	0.001CFM (CMM)
Light Level	Fc (Lux)	0 to 1860Fc (0 to 20,000Lux)	0.1Fc (1Lux)
Relative Humidity		10 to 95%RH	0.1%RH
Temperature (Thermistor)		32 to 122°F (0 to 50°C)	0.1°
Temperature (Type K)		-148°F to 2372°F (-100°C to 1300°C)	0.1°
Dimensions/ Weight		Meter: 6.1 x 2.4 x 1.3" (156 x 60 x 33mm); Vane: 1.2" (31mm)/ 5oz (160g)	

### Ordering

- 45170CM..... 5-in-1 Environmental Meter with CFM/CMM  
 TP870 ..... Type K Bead Wire Thermocouple (-40 to 482°F/-40 to 250°C)  
 409992..... Vinyl Pouch Carrying Case



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