



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

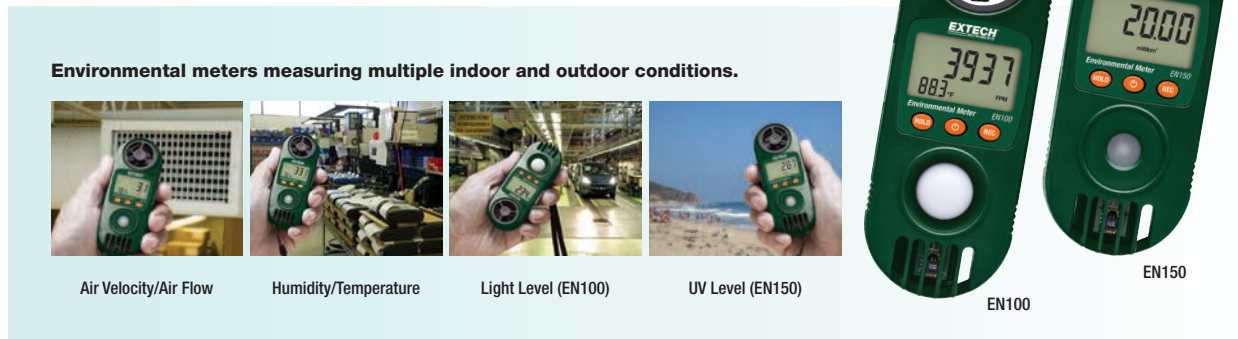
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EN100/EN150 Environmental Meters with 11 Functions



Common Features

- Built-in sensors measure 11 environmental conditions including Air Velocity, Air Flow, Temperature, Humidity, Wet Bulb, Dew Point, Heat Index, Wind Chill, Barometric Pressure, and Altitude
- Field replaceable low friction vane wheel improves air velocity accuracy
- Backlit LCD display (auto off after 5 seconds)
- Data Hold 'freezes' displayed reading
- Auto power off (with disable feature)
- Complete with built-in multiparameter sensors, wrist strap, and CR2032 battery.
(Optional Pt -1000Ω probe, EN100-TP, for external temperature measurement)



Model EN100 Additional Functionality

- Built-in Light sensor measures light level
- Auto-rotating display depending on function

Model EN150 Additional Functionality

- Built-in UV sensor measures UV light level – Natural Sunlight Measurements

Ordering

- EN100..... Environmental Meter (11 functions including Light Level measurement)
 EN150..... Environmental Meter (11 functions including UV Light measurement)
 EN100-TP RTD Temperature Probe (PT-1000Ω)
 EN100-V Replacement Vane for EN100 and EN150 (2pk)



Specifications	Range	Max Resolution	Basic Accuracy
Light Level (EN100 only)			
Foot Candles	0 to 1860Fc	0.1Fc	±5%
Lux	0 to 20,000Lux	1Lux	±5%
UVA Light - 290nm to 390nm (EN150 only)			
μW/cm ²	0 to 1999μW/cm ²	1μW/cm ²	±4%FS
mW/cm ²	2 to 20mW/cm ²	0.01mW/cm ²	±4%FS
Air Velocity			
ft/min (feet per minute)	80 to 3940 ft/min	1 ft/min	±3%FS
m/s (meters per second)	0.4 to 20m/s	0.1m/s	±3%FS
km/h (kilometers per hour)	1.4 to 72km/h	0.1km/h	±3%FS
MPH (miles per hour)	0.9 to 45MPH	0.1MPH	±3%FS
knots (nautical miles per hour)	0.8 to 38.8 knots	0.1knots	±3%FS
Air Volume			
CFM	0.847 to 1,271,300CFM	0.001CFM	
CMM	0.024 to 36,000CMM	0.001CMM	
Temperature (with optional RTD probe)	14 to 158°F (-10 to 70°C)	0.1°F/°C	±2.5°F/±1.2°C
Temperature (ambient)	32 to 122°F (0 to 50°C)	0.1°F/°C	±2.5°F/±1.2°C
% Relative Humidity	10 to 95%RH	0.1%RH	±4%RH of reading
Wet Bulb	22.3 to 120.2°F (-5.4 to 49.0°C)	0.1°F/°C	calculated
Dew Point	-13.5 to 120.2°F (-25.3 to 49.0°C)	0.1°F/°C	calculated
Wind Chill	15.1 to 111.6°F (-9.4 to 44.2°C)	0.1°F/°C	±3.6°F/±2°C
Heat Index	32 to 212°F (0 to 100°C)	0.1°F/°C	±3.6°F/±2°C
Barometric Pressure			
inHg	0.29 to 32.48inHg	0.01inHg	±0.05inHg
mmHg	7.5 to 825mmHg	0.1mmHg	±1.2mmHg
hPa	10 to 1100hPa	0.1hPa	±2hPa
Altitude			
feet (ft)	-6000 to 30000ft	1ft	±50ft
meter (m)	-2000 to 9000m	1m	±15m
Dimensions	4.7 x 1.7 x 0.7" (120 x 45 x 20mm); Vane: 1.2" (31mm)		
Weight	5.6oz (160g)		