



**NEW**

**EN510  
Environmental Meter**

**10-in-1 meter**

- Auto-rotating display
- 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 (tripod not included)
- Complete with wrist strap, general purpose Type K bead wire probe, and three AAA batteries

**Go Beyond Airflow  
Measurements**

Extech's compact multi-function environmental meters couple all-in-one versatility with accurate diagnostics. Extech helps you get results with fewer tools.

ACCESSORIES	
EN100-TP	RTD Temperature Probe (14 to 158°F/-10 to 70°C)
EN100-V	Mini impeller (2 pk) for EN100 and EN150
UA100-240	100-240V AC Adaptor w/ 4 plugs (US, EU, UK, AU)
407001-PRO	Data Acquisition Software and USB cable (see p. 109 for details)
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 High Temperature Probe (-58 to 1000°F/-58 to 538°C)

See p. 27 and 52 for additional temperature probes

SPECIFICATIONS	EN510
ft/min (res.)	80 to 3937 ft/min (1)
m/s (res.)	0.4 to 20 m/s (0.1)
km/h (res.)	1.4 to 72 km/h (0.1)
MPH (res.)	0.9 to 44.7 MPH (0.1)
knots (res.)	0.8 to 38.8 knots (0.1)
Air Volume CFM/CMM	0.847 to 1,271,300 CFM/0.024 to 36,000 CMM (0.001)
Temperature	Air: 32 to 122°F/0 to 50°C (0.1°) Type K: -148°F to 2372°F/-100°C to 1300°C (0.1°)
Relative Humidity (res.)	10 to 95% RH (0.1%)
Heat Index	32 to 212°F/0 to 100°C (0.1°)
Wet Bulb	22.2 to 120°F/-5.4 to 49.0°C (0.1°)
Dew Point	-13.5 to 120.0°F/-25.3 to 49.0°C (0.1°)
Wind chill	15 to 112°F/-9.4 to 44.2°C (0.1°)
Light Level	0 to 1860 Fc/0 to 20,000 Lux (0.1)
Sound Level (res.) - A weighting	—
Basic Accuracy	
Airflow	±3% FS
Temperature/Relative Humidity	Air: ±2.5°F (±1.2°C), Type K: ±(0.4% + 1.8°F/1°C)/±0.4% RH
Light/Sound	±5%
CE approved	Yes
Dimensions/Weight	6.0x2.3x1" (153x58x25 mm)/5.6 oz (160 g) Vane: ~1" (27 mm) D
Warranty	2 years