



EN100 EN150

EN100/EN150 Environmental Meters with UV*

11-in-1 meters

- Replaceable low friction vane
- Barometric Pressure and Altitude functions
- Data Hold and Auto power off
- Complete with built-in sensors, wrist strap, and CR2032 battery. (Optional EN100-TP probe measures to 158°F/70°C)

EN100 Additional Features

- Measures light level with Auto-rotating display

*EN150 Additional Features

- Measures UV light level



45170 45170CM

45170/45170CM Environmental Meters

4-in-1 or 5-in-1 meter

- Auto-rotating display
- Low friction vane wheel
- Capacitance humidity sensor
- Type K input (Probe sold separately - see p. 41 and 70)
- Utilizes precision photo diode and correction filter
- MAX/MIN and Data hold
- Complete with wrist strap and 9V battery
- **Model 45170CM** also measures Air Flow (CFM/CMM)



Auto-rotating display

EN300 Environmental Meter

5-in-1 Meter & PC interface

- Auto-rotating display
- Low friction vane wheel
- Capacitance humidity sensor
- Thermistor for ambient temperature and Type K input (Probe sold separately - see p. 41 and 70)
- Utilizes precision photo diode and correction filter
- Sound Level measurement meets IEC 61672 class 2
- MAX/MIN and Data hold
- Complete with 6 AAA batteries; Optional AC adaptor UA100-240 & software 407001

■ EN100 ▲ EN150	■ 45170 ▲ 45170CM	EN300	SPECIFICATIONS
80 to 3940 (1)	80 to 5910 (1)	80 to 5910 (1)	ft/min (res.)
0.4 to 20 (0.1)	0.4 to 30 (0.1)	0.4 to 30 (0.1)	m/s (res.)
1.4 to 72 (0.1)	1.4 to 108.0 (0.1)	1.4 to 108.0 (0.1)	km/h (res.)
0.9 to 45 (0.1)	0.9 to 67.0 (0.1)	0.9 to 67.0 (0.1)	MPH (res.)
0.8 to 38.8 (0.1)	0.8 to 58.3 (0.1)	0.8 to 58.3 (0.1)	knots (res.)
—	—	—	Beaufort Force (res.)
0.847 to 1,271,300CFM/0.024 to 36,000CMM	0.01 to 1,908,400CFM/0.001 to 54,000CMM	—	Air Volume (CFM/CMM)
32 to 122°F (0 to 50°C)/15 to 111°F (-9 to 44°C)	Thermistor: 32 to 122°F/ 0 to 50°C (0.1°) Type K: -148°F to 2372°F/-100°C to 1300°C	32 to 122°F/ 0 to 50°C (0.1°)	Temperature
10 to 95% (0.1%)	10 to 95% (0.1%)	10 to 95% (0.1%)	Relative Humidity (res.)
32 to 212°F (0 to 100°C)	—	—	Heat Index
22.3 to 120.2°F (-5.4 to 49.0°C)	—	—	Wet Bulb
-13.5 to 120.2°F (-25.3 to 49.0°C)	—	—	Dew Point
■ 0 to 1860Fc (0 to 20,000Lux) ▲ No	0 to 1860 (0.1Fc)/0 to 20,000 (1Lux)	0 to 1860 (0.1Fc)/ 0 to 20,000 (1Lux)	Light Level
■ No ▲ 0 to 1999μW/cm² (2 to 20mW/cm²)	—	—	UV Level
—	—	35 to 130dB (0.1dB)	Sound Level (res) - A weighting
±3% FS	±3% FS	±3% FS	Basic Accuracy
±2.5°F, ±1.2°C/±4%RH	±2.5°F, ±1.2°C/±4%RH	±2.5°F, ±1.2°C/±4%RH	Airflow
■ No ▲ Light: ±5% of reading	Light: ±5% of reading	Light: ±5% of reading/ Sound: ±1.4dB	Temperature/Relative Humidity
Yes	Yes	Yes	Light/Sound
6.1x2.4x1.3" (156x60x33mm)/ 5oz (160g)	6.1x2.4x1.3" (156x60x33mm)/ 5oz (160g)	6.1x2.4x1.3" (156x60x33mm)/ 5oz (160g)	CE approved
Vane: 1.2" (30.5mm)D	Vane: 1.2" (30.5mm)D	Vane: 1.2" (30.5mm)D	Dimensions/Weight
1 year	1 year	1 year	Warranty