



45170
Environmental Meter

4-in-1 meter

- Auto-rotating display
- Measures Air Velocity, Temperature (Air/Type K), Humidity, and Light
- Low friction vane wheel
- Capacitance humidity sensor
- Type K input (Probe sold separately - see p. 27, 52, and 88)
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- MAX/MIN and Data hold
- Complete with wrist strap and 9 V battery



EN100
Environmental Meter

11-in-1 meter

- Auto-rotating display
- Replaceable low friction vane
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- 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)



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. 27, 52, and 88)
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color 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 and software 407001-PRO (see p. 109 for software details)

45170

80 to 5910 ft/min (1)
0.4 to 30 m/s (0.1)
1.4 to 108.0 km/h (0.1)
0.9 to 67.0 MPH (0.1)
0.8 to 58.3 knots (0.1)
—
Thermistor: 32 to 122°F/0 to 50°C (0.1°)
Type K: -148°F to 2372°F/-100°C to 1300°C (0.1°)
10 to 95% RH (0.1%)
—
—
—
0 to 1860 Fc (0.1)/0 to 20,000 Lux (1)
—
±3% FS
Air: ±2.5°F (±1.2°C), Type K: ±(1%+2°F/1°C) of rdg/±4% RH
Light: ±5% of reading
Yes
6.1x2.4x1.3" (156x60x33 mm)/5 oz (160 g)
Vane: 1.2" (30.5 mm) D
2 years

EN100

80 to 3940 ft/min (1)
0.4 to 20 m/s (0.1)
1.4 to 72 km/h (0.1)
0.9 to 45 MPH (0.1)
0.8 to 38.8 knots (0.1)
0.847 to 1,271,300 CFM/0.024 to 36,000 CMM (0.001)
Air: 32 to 122°F/0 to 50°C (0.1°)
RTD: 14 to 158°F/-10 to 70°C (0.1°)
10 to 95% RH (0.1%)
32 to 212°F (0 to 100°C)
22.3 to 120.2°F (-5.4 to 49.0°C)
-13.5 to 120.2°F (-25.3 to 49.0°C)
15.1 to 111.6°F (-9.4 to 44.2°C)
0 to 1860 Fc (0 to 20,000 Lux)
—
±3% FS
±2.5°F (±1.2°C)/±4%RH of rdg
—
Yes
4.7x1.7x0.7" (120x45x20 mm)/5.6 oz (160 g)
Vane: 1.2" (31 mm) D
2 years

EN300

80 to 5910 ft/min (1)
0.4 to 3 m/s 0 (0.1)
1.4 to 108.0 km/h (0.1)
0.9 to 67.0 MPH (0.1)
0.8 to 58.3 knots (0.1)
—
Air: 32 to 122°F/0 to 50°C (0.1°)
Type K: -148 to 2372°F/-100 to 1300°C (0.1°)
10 to 95% RH (0.1%)
—
—
—
0 to 1860 Fc (0.1)/0 to 20,000 Lux (1)
35 to 130 dB (0.1 dB)
±3% FS
Air: ±2.5°F (±1.2°C), Type K: ±(1%+2°F/1°C) of rdg/±4% RH
Light: ±5% of reading/Sound: ±1.4 dB
Yes
9.8x2.8x1.3" (248x70x34 mm)/11.8 oz (335 g)
Vane: 1.2" (31 mm) D
2 years