

Monitor up to 12 environmental parameters with one tiny instrument.

Light weight, tiny size with simple, one-hand, operation. All units read air speed in addition to the wide selection of environmental parameters listed below. Will sense airflow as low as 0.4 m/s. Replaceable snap-in anemometer vane. All models feature min/max, hold, a backlight and come complete with a wrist strap, carry pouch, and button cell battery. Model 850027 accurately measures liquid and solid temperatures using the optional Pt 1000 penetration probe.

No.	Description
850025	Mini Environmental Quality Meter
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850025V	Replacement Vane
850027P	Pt 1000 Temperature Probe

DIM: 4¾" x 1¾" x 7/8" (120 x 45 x 22.25 mm)
WEIGHT: 5.6 oz (160 g)

	Range	Resolution	Accuracy	850025	850026	850027
Wind Speed	80 to 3937 ft/min 0.4 to 20.0 m/s 1.4 to 72.0 km/h 0.9 to 44.7 mile/h 0.8 to 38.8 knots 32 to 122 °F (0 to 50 °C)	1 ft/min 0.1 m/s 0.1 km/h 0.1 MPH 0.1 knots 0.1 °F/°C	≤ 20 m/s: ± 3% F.S. > 20 m/s: ± 4% F.S.	✓	✓	✓
Air Temperature	32 to 122 °F 0 to 50 °C	0.1 °F 0.1 °C	± 2.5 °F ± 1.2 °C	✓	✓	✓
RH	10 to 95 %RH	0.1 %RH	< 70% RH: ± 4% RH ≥ 70% RH: ± (4% rdg +1.2% RH)	✓	✓	✓
Air Volume	0.024 to 36000 CMM 0.847 to 1271300 CFM	0.001/0.01/0.1/1 0.001/0.01/0.1/1 /10 (x10)/100 (x100)			✓	✓
Wind Chill	15.0 to 112.0 °F -0.4 to 44.2 °C	0.1 °F 0.1 °C	± 3.6 °F ± 2.0 °C		✓	✓
Heat Stress Index	32 to 212 °F 0 to 100 °C	0.1 °F 0.1 °C	± 3.6 °F ± 2.0 °C		✓	✓
Dew Point	-13.5 to 120.0 °F -25.3 to 49.0 °C	0.1 °F 0.1 °C	Calculate from the humidity/temperature value		✓	✓
Wet Bulb	22.2 to 120 °F -5.4 to 49.0 °C	0.1 °F 0.1 °C	Calculate from the humidity/temperature value		✓	✓
PT 1000 ohm Probe (optional)	14.0 to 212.0 °F -10.0 to 100.0 °C	0.1 °F 0.1 °C	± 2.5 °F ± 1.2 °C			✓
Barometric Pressure	10.0 to 999.9 hPa 1000 to 1100 hPa 7.5 to 825.0 mmHg 0.29 to 32.84 inHg	0.1 hPa 1 hPa 0.1 mmHg 0.01 inHg	± 1.5 hPa ± 2 hPa ± 1.2 mmHg ± 0.05 inHg			✓
Altitude	-6000 to 30000 ft -2000 to 90000 m	1 ft 1 m	± 50 ft ± 15 m			✓
Visible Light	0 to 2200 Lux 1800 to 20000 Lux 0 to 204.0 Fc 170 to 1860 Fc	1 Lux 10 Lux 0.1 Ft-cd 1 Ft-cd	± 5% rdg ± 8 dgt			✓

