



Features

- Measures air velocity/temperature, ambient temperature, relative humidity, contact temperature and light
- Easy to operate, designed for one hand operation
- Air velocity is measured in m/s, ft/min, km/h, mph or knots
- Light levels are measured in foot-candles or lux
- Temperature is measured in °C or °F
- Data Hold and Max/Min functions
- Zero adjustment button (light meter)
- Low battery indicator and auto shut off
- Includes wrist strap and battery

Specifications

Air Velocity

Measuring Ranges: 0.2 to 30.0 m/s
1.4 to 108.0 km/h
0.9 to 67.0 mph
80 to 5910 fpm
0.8 to 58.3 knots

Accuracy: <20 m/s: $\pm 3\%$ FS
≥20 m/s: $\pm 4\%$ FS

Resolution: 0.1 m/s, km/h, mph, knot
1 fpm

Temperature

Measuring Ranges:

Accuracy:

Resolution:

Humidity

Measuring Range:

Accuracy:

Resolution:

Light

Measuring Range:

Accuracy:

Resolution:

TECHNICAL DATA

Air Temperature:
32 to 122.0°F (0 to 50°C)
Contact Temperature (Type K) :
-148 to 2372°F (-100 to 1300°C)
Air Temperature: $\pm 1.2^\circ\text{C}$ (2.5°F)
Contact Temperature:
 $\pm (1\% \text{ rdg} + 2^\circ\text{F} (1^\circ\text{C}))$
0.1°F/°C

10 to 95% RH
≥70%RH: $\pm (4\% \text{ rdg} + 1.2\% \text{ RH})$
<70%RH: $\pm 4\% \text{ RH}$
0.1% RH

0 to 20,000 Lux (0 to 1860 Ft-cd)
 $\pm (5\% \text{ rdg} \pm 8 \text{ dgt})$
0 to 2200 Lux (0 to 204.0 Ft-cd):
1 Lux / 0.1 Ft-cd
1800 to 20,000 Lux
(170 to 1860 Ft-cd):
10 Lux / 1 Ft-cd

General Specifications

Response Time: 1 sec
Display: LCD
Data Hold: Yes
Min: Yes
Max: Yes
Zero Adjustment: Yes (for Light)
Auto Shut-off: Yes (after 10 mins)
Low Battery Indicator: Yes
Power Supply: 9V Battery
Product Certifications: CE
Operating Temperature: 32 to 122°F (0 to 50°C)
Storage Temperature: 14 to 140°F (-10 to 60°C)
Operating Humidity: 10 to 85%
Dimensions: 6.1 x 2.4 x 1.3"
(156 x 60 x 33mm)
Weight: 8.8 oz (160g)

Model	Description
LM-8000	Multi-Function Environmental Meter
R2920	Surface Thermocouple Probe
R2930	Right Angle Thermocouple Surface Probe
R2940	Air/Gas Thermocouple Probe
R2950	Immersion Thermocouple Probe
R2960	Needle Tip Thermocouple Probe
CA-52A	Soft Carrying Case
LM-8000-NIST	Multi-Function Environmental Meter & NIST