



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: ±3% FS ≥20 m/s: ±4% FS
Resolution:	0.1 m/s, km/h, mph, knot 1 fpm

TECHNICAL DATA

Temperature

Measuring Ranges:

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: ±1.2°C (2.5°F)
Contact Temperature:
±(1% rdg +2°F(1°C))
0.1°F/°C

Accuracy:

Resolution:

Humidity

Measuring Range:

Accuracy:

10 to 95% RH
≥70%RH: ±(4% rdg + 1.2%RH)
<70%RH: ±4%RH
0.1% RH

Resolution:

Light

Measuring Range:

Accuracy:

Resolution:

0 to 20,000 Lux (0 to 1,860 Fc)
±(5% rdg ± 8 dgt)
0 to 2,200 Lux (0 to 204 Fc):
1 Lux / 0.1 Fc
1,800 to 20,000 Lux
(170 to 1,860 Fc):
10 Lux / 0.1 Fc

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