



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	
$\geq 70\%$ 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 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