Anemometer, Humidity
Light Meter, Thermometer

Model : LM-8000  ISO-9001, CE, IEC1010

* 4 in 1 professional measuring instrument:
  * Anemometer, Hygrometer, Thermometer, and Light meter.
* Tiny bone shape with lightweight and small size case design.
* Low-friction ball vane wheels design provides high accuracy at high and low air velocity.
* Exclusive photo diode and color correction filter light sensor, spectrum meets C.I.E. photopic.
* High precision thin-film capacitance humidity sensor with fast response.
* Standard type K (NiCr-NiAl) thermocouple outlet suitable for all kinds of type K probe.
* Build in microprocessor circuit assures excellent performance and accuracy.
* Maximum and minimum value. Zero button, Data hold.

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MRC.10.15
**Features**

* The LM-8000 is a 4 in 1 professional measuring instrument: Anemometer, Hygrometer, Thermometer, and Light meter.
* Tiny bone shape with lightweight and small size case design are suitable for handling with one hand.
* Wristlet design provides extra protection to the instrument especially for user one hand operation.
* Low-friction ball vane wheels design provides high accuracy at high and low air velocity.
* Exclusive photo diode and color correction filter light sensor, spectrum meets C.I.E. photopic.
* High precision thin-film capacitance humidity sensor with fast response to the humidity variety.
* Standard type K (NiCr-NiAl) thermocouple outlet suitable for all kinds of type K probe.
* Build in microprocessor circuit assures excellent performance and accuracy.
* Concise and compact buttons arrangement, easy operation.
* Memorize the maximum and minimum value with recall.
* °C/°F selectable by pressing button on the front panel.
* Lux/Ft-candle selectable by pressing button on the front panel.
* Air velocity measuring units selectable by pressing button on the front panel for five kinds of units.
* Multi channels display for relative humidity and temperature measured values or air velocity and temperature measured values at the same time.
* Zero button design makes light meter calibration.
* Hold function to freeze the current reading value.

**General Specifications**

- **Display**: LCD display, 8 mm digit height.
- **Measurement**: Anemometer, Humidity, Temperature, Light
- **Operating Humidity**: Max. 80% RH.
- **Operating Temperature**: 0 to 50°C (32 to 122°F)
- **Over Input Temperature**: Indication of " - - - - "
- **Power Supply**: 006P DC 9V battery (Heavy duty type)
- **Power Consumption**: Approx. DC 6.2 mA
- **Weight**: 160g (battery included)
- **Dimension**: HWD 156x60x33 mm (6.14x2.36x1.29 inch).
- **Standard Accessory**: Instruction Manual
- **Optional Accessory**: Carrying case

**Electrical Specification (23 ± 5°C)**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Range</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air velocity</td>
<td>ft/min 80 to 5910 ft/min</td>
<td>1 ft/min</td>
</tr>
<tr>
<td></td>
<td>m/s 0.4 to 30.0 m/s</td>
<td>0.1 m/s</td>
</tr>
<tr>
<td></td>
<td>km/h 1.4 to 108.0 km/h</td>
<td>0.1 km/h</td>
</tr>
<tr>
<td></td>
<td>MPH 0.9 to 67.0 mile/h</td>
<td>0.1 MPH</td>
</tr>
<tr>
<td></td>
<td>knots 0.8 to 58.3 knots</td>
<td>0.1 knots</td>
</tr>
<tr>
<td></td>
<td>Temperature (thermistor)</td>
<td>32 to 122°F</td>
</tr>
<tr>
<td>Humidity</td>
<td>% RH 10 to 95 %RH</td>
<td>0.1 %RH</td>
</tr>
<tr>
<td></td>
<td>Temperature (thermistor)</td>
<td>32 to 122°F</td>
</tr>
<tr>
<td>Light</td>
<td>Lux 0 to 20,000 Lux</td>
<td>1 Lux</td>
</tr>
<tr>
<td></td>
<td>Ft-cd 0 to 2,000 Ft-cd</td>
<td>1 Ft-cd</td>
</tr>
<tr>
<td>Temperature (Type K)</td>
<td>-148 to 2372°F</td>
<td>-100 to 1300°F</td>
</tr>
</tbody>
</table>

**Optional Temperature Probe and Other Accessories**

- **Thermocouple Probe (Type K)**: TP-01, TP-02A, TP-03, TP-04
- **Carrying case**: CA-52A
  - High quality carrying case with sash.

*Appearance and specifications listed in this brochure are subject to change without notice.*