



**6 IN 1 MULTIFUNCTIONAL
ENVIRONMENTAL
METER LMEM-A10**



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6 IN 1 MULTIFUNCTIONAL ENVIRONMENTAL METER LMEM-A10

6 in 1 Multifunctional Environmental Meter LMEM-A10 a small, handheld device, measures air velocity/temperature, ambient temperature, relative humidity, contact temperature, and light. Designed for one-handed operations, it features a user-friendly key panel easy to operate. It features a large LCD backlight display for easy reading, data hold and Max/Min function, and low battery indicator and auto shut off.

FEATURES

- Portable nature, good for onsite sample testing
- Easy operation, designed for one-hand manoeuvre
- Measures air velocity/temperature, ambient temperature, relative humidity, contact temperature, and light
- Air velocity measured in m/s, ft/min, km/h, mph, or knots
- Light levels measured in foot-candles or lux
- Temperature measured in °C or °F
- Data Hold and Max/Min functions
- Zero adjustment button (the light meter)
- Low battery indicator and auto shut off

APPLICATION

6 in 1 Multifunctional Environmental Meter finds application across environmental science, horticulture, agriculture, pharmaceutical manufacturing plants, and other relevant industry to measure critical parameters like air velocity/temperature, ambient temperature, relative humidity, contact temperature, and light.

SPECIFICATION

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| Model No. | LMEM-A10 |
| Temperature Measurement Range | -10°C to 60°C |
| Temperature Resolution | 0.1°C |
| Temperature Accuracy | ± 1.5°C |
| Relative Humidity Range | 20% to 80%RH |
| Relative Humidity Resolution | 0.1 % RH |
| Relative Humidity Accuracy | ± 3 % RH @ 25°C |
| Wind Velocity | 0.5 to 20m/s, 1.8 to 72km/h, 1.6 to 65.7ft/s, 0.9 to 38.9 knots |
| Wind Resolution | 0.1 m/s, 0.1 km/h, 0.1 ft/s, 0.1 knots |
| Wind Accuracy | ± 3 % of reading + 10 digits |
| Air Velocity | 0 to 999900 CMM, 0 to 999900 CFM |
| Air Resolution | 0 to 999.9 m ³ , 0 to 999.9 ft ³ |
| Air Accuracy | ± 3 % of reading + 10 digits |
| Sound (noise) Level | 30 to 130dB (A), 35 to 130dB (C) |
| Sound Level Resolution | 0.1 dB |
| Sound Level Accuracy | ± 1.5 dB |
| Test Condition | 94 dB, 4 kHz sine wave |
| Respond Frequency | 100 to 8000 kHz |
| Test Respond Time | About 2 time/second |
| Illuminance Range | 0 to 2000 Lux, X10 (20000), X100 (50000) |
| Illuminance Resolution | 1 Lux, 10 Lux, 100 Lux |
| Illuminance Accuracy | ± 5 % of reading + 10 digits at color temperature 2850K calibrated to standard incandescent lamp at color temperature 2856 K |
| Display | LCD (backlight screen) |
| Power Supply | 6F22(9V) |
| Auto off Power Cut Off | Yes |
| Dimension (L×W×H) | 280×89×50 mm |
| Weight | 430 g |