Multifunctional environmental meter, 5-in-1, temperature, humidity, light, sound, wind, data-hold, automatic shutdown

DEM900

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> All product specifications

Product description

Discover a new standard in environmental measurement with our 5-in-1 multifunctional environmental meter. This advanced device offers precise measurements for a wide range of units, including lux, temperature (in °C and °F), humidity (% RH), various sound levels (dB-A, dB-C, dB-low, dB-high), and wind speed (m/s, km/h, etc.). With its clear 4-digit LCD screen with backlighting, you can easily read measurements, even in the dark. For your convenience, this package also includes a series of sensors such as temperature, humidity, and anemometer probes, all neatly packed in a provided case.

✛ Accurate: Equipped with advanced sensors for reliable and precise measurements in various conditions.

✛ Versatile: With capabilities to measure various environmental factors like light, sound, temperature, humidity, and wind speed, this device offers an all-in-one solution for your measurement needs.

✛ Clear display: Large 4-digit LCD screen with backlight for easy reading.

✛ Portable: Lightweight and compact, ideal for on-the-go measurements and easy storage.

✛ Energy-efficient: Automatic shutdown function and low battery indicator ensure a longer lifespan.

Specifications

Product basic info

Primary colours	White
Additional colours	Black
Depth unit	33 mm
Height unit	252 mm
Width unit	66 mm
Weight unit	575 g
Material	ABS
Detailed information	• air velocity range: 0.5 m/s - 30.0 m/s • air velocity accuracy: ± <1% ± 0.3 d • measurement units: m/s, km/h, ft/min, knots, Mph

Physical properties

Display type	Digital
Backlight	✔

Technical data

Number of digits	4
Automatic power-off function	✔
Data-hold function	✔
Maximum hold function	✔

Set-up options

Readout units	°C, dB-A, dB-C, dB-low and dB-high, °F, ft/min, km/h, knots, Lux, m/s, Mph, %RH

Environmental data

Temperature specifications	• measurement range: -40 °C to 70 °C (-40 °F to +158 °F) • accuracy: ± < 1.0 °C / ± 3.6 °F • measurement units: °C / °F
Humidity measuring specifications	• measurement range: 10-95% RH • accuracy: ± 5 RH %
Light level measuring specifications	• measuring range: 0 lux - 200 K lux, 0 Fc - 20 KFc • accuracy: ± 4 % rdg ± 0.5 % f.s. (<10,000 lux)

Environmental data

Sound level measuring specifications

- measurement range: 35 dB ~ 130 dB
- accuracy: ± 2.0 dB
- resolution: 0.1 dB
- frequency response: 31.5 Hz - 8 kHz
- frequency weighting: dBA

Power supply

Batteries included	✔
Number of batteries	1
Battery operated	✔
Battery voltage rating	9 V
Low battery indicator	✔
Battery composition	Alkaline
Battery IEC size	E (6LR61, 6LP3146, 6F22, 6KR61, 6HR61 ,1604A, 1604D, 1604LC, 7.2H5, 11604, 11604M, PP3, 9-volt, 006P, MN1604)

Included

Case included	✔

Bar code

- Bar code (EAN-13):5410329599140