

# DT-8820

## 4 in 1 Multifunction Environment Meter

CEM



The 4 in 1 digital Multifunction Environment Meter has been designed to combine the functions of Sound Level Meter, Light Meter, Humidity Meter, and Temperature Meter. It is an ideal Multifunction Environment Meter Instrument with scores of practical applications for professional and home use.

The Sound Level function can be used to measure noise in factories, schools, offices, home, etc, checking acoustics of studios, auditoriums and hi-fi installations.

The Light function is used to measure illuminance in the field. It is fully cosine corrected for the angular incidence of light. The light sensitive component used in the meter is a very stable, long life silicon photo diode.

The Humidity/Temperature uses a humidity/semiconductor sensor and K type thermocouple.

CE

EMC

EN: 50081-1, 50082-1

### Features

- 4 in 1 for Light meter, Sound level meter, Humidity/Temperature meter.
- 3 1/2 large LCD display
- Data Hold and Max Hold
- Auto Power Off
- "OL" Over-range indication
- "BAT" Low battery indication

### Specifications

Function	Range	Resolution	Accuracy(%rdg+digits)
Temperature	-20°C~200°C	0.1°C	±(3.0%+2°C)
	-20°C~750°C	1°C	±(3.0%+2°C) ≤150°C; ±3.0% ≥150°C
	-4°F~200°F	0.1°F	±(3.0%+2°F)
	-4°F~1400°F	1°F	±(3.0%+2°F) ≤302°F; ±3.0% ≥302°F
Light	20,200,2000,20000 (2000 x 10 Lux)	0.01,0.1,1	±(5.0%+10d)
Humidity	35%~95%RH	0.1%RH	±5.0%RH at 25°C
Sound Level	35dB~100dB	0.1dB	±3.5dB at 94dB sound level, 1KHz sine wave

Size(HxWxD): 251mm x 63.8mm x 40mm

Weight: 250g



### Accessories :

9V battery and K-type temperature probe, humidity probe, light probe, gift box with carrying case.



PROTRONICS

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