



DT-86

LIGHT METER

- | Easy to use, pock size and light weight
- | 3 1/2 digital LCD display with LUX, fc, LOBAT, MAX indication
- | Accurately display light level in terms of Foot Candles (Fc) or Lux over wide range
- | Measures from 0 to 40000 Lux/ Fc in four ranges with resolution 0.1Lux/Fc.
- | Auto ranging
- | Max Hold
- | Light sensitive backlight LCD
- | Auto power off

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Light Meter



General Specifications

Display	1999 counts LCD display with LUX, fc, LOBAT, MAX indication
Polarity	Automatic, (-) negative polarity indication
Over-range	"OL" mark indication
Low battery indication	The "BAT" icon is displayed when the battery voltage drops below the operating level
Measurement rate	2.5 times per second, nominal.
Storage temperature	-10°C to 60°C (14°F to 140°F) at < 80% relative humidity
Operating temperature & Humidity	0°C to 40°C (32°F to 104°F) & 0% to 80% RH.
Auto Power Off	Meter automatically shuts down after approx. 17 minutes of inactivity
Power	One standard 9V battery
Dimensions / Weight	157 (H) x 54 (W) x 34 (D) mm/170g
Light	
Measuring Range	200, 2000, 20000, 40000 Lux/fc (1Fc=10.76 Lux)
Accuracy	±5% rdg + 10dgts (< 10,000Lux/fc)
Accuracy	±10% rdg + 10dgts (> 10,000Lux/fc) (20,000Lux range reading x10, 40,000Lux range reading x100)
Overrate Display	"OL" is displayed (Calibrated to standard incandescent lamp at color temperature 2856 k).
Repeatability	±2%
Temperature Characteristic	±0.1% / °C
Photo detector	One silicon photo diode with filter

Accessories

Battery, Carrying Case, Instruction Manual, Test Certificate.

Contact :

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Recommended Illumination:

Locations	Lux
*Office	
Conference, Reception room.	200~750
Clerical work	700~1,500
Typing drafting	1000~2,000
*Factory	
Packing work, Entrance passage	150~300
Visual work at production line	300~750
Inspection work	750~1,500
Electronic parts assembly line	1500~3,000
*Hotel	
Public room, Cloakroom	100~200
Reception, Cashier	200~1,000
*Store	
Indoors Stairs Corridor	150~200
Show window, Packing table	750~1,500
Forefront of show window	1500~3,000
*Hospital	
Sickroom, Warehouse	100~200
Medical Examination room	300~750
Operating room	
Emergency Treatment	750~1,500
*School	
Auditorium, Indoor Gymnasium	100~300
Class room	200~750
Laboratory Library Drafting room	500~1,500

CEM INSTRUMENTS HEADQUATER & FACTORY

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