

TES-133 Luminous Flux Meter



FEATURES

- 4-digit LCD reading.
- Spectral Sensitivity close to CIE photopic Curve.
- Auto ranging from 0.05 to 7000 lumens.
- Accurate and Instant response.
- Data Hold function.
- Data memory and read function.
- Zero function.
- Ratio function.
- Sort function.
- Comparator function.
- Best for measuring : LEDs, Small lamps, Fiber illuminators.
- Auto power off function.
- RS232 Interface.
- Easy to use.
- Adapters kit : 2/3/4/5/8/10m/m



SPECIFICATION

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Display		4 digit LCD read out
Measuring Range		9.999, 99.99, 999.9, 7000 lumens, Auto ranging (4 step)
Overrange Display		OL is displayed
Resolution		0.001 lumens
Accuracy		0.05 to 0.1 $\pm 0.7\%$, 0.1 to 1000 $\pm 1\%$, 1000 to 7000 $\pm 3\%$
Integrating Sphere	Diameter	50mm
	Sample pore	12.7mm diameter
CIE photopic f₁		$\pm 0.6\%$
Temperature Characteristics		$\pm 0.1\%/^{\circ}\text{C}$
Measuring Rate		Approximately 5 time/sec
Photosensor		Silicon photodiodes
Data Memory Capacity		999 sets. (Direct reading from LCD display)
Data Logger Capacity		40000 sets
Operating/Storage Conditions		0 $^{\circ}\text{C}$ ~ 50 $^{\circ}\text{C}$ <80% RH , -10 $^{\circ}\text{C}$ ~ 60 $^{\circ}\text{C}$ <70%RH
Power Source		6 pcs AAA size Battery
Battery Life (typical)		100 hours
Integrating sphere Lead Length		150 cm (approx.)
Integrating sphere Dimensions		68(Diameter) \times 82(H)mm
Dimension		150(L) \times 72(W) \times 35(H)mm
Weight		470g
Accessories		Carrying case, Instruction manual, Battery, CD software, RS232 cable, AC adaptor, Adapter kit.

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