

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

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 $\pm 7\%$, 0.1 to 1000 $\pm 1\%$, 1000 to 7000 $\pm 3\%$
Integrating Sphere	Diameter	50mm
	Sample pore	12.7mm diameter
CIE photopic f '1		$\leq 6\%$
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°C ~ 50°C <80% RH , -10°C ~ 60°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) × 82(H)mm
Dimension	150(L) × 72(W) × 35(H)mm
Weight	470g
Accessories	Carrying case, Instruction manual, Battery, CD software, RS232 cable, AC adaptor, Adapter kit.