

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 : 2/3/4/5/8/10mm



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.