

# 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



## SPECIFICATIONS

<b>Display</b>		4 digit LCD read out
<b>Measuring Range</b>		9.999, 99.99, 999.9, 7000 lumens, Auto ranging (4 step)
<b>Overrange Display</b>		OL is displayed
<b>Resolution</b>		0.001 lumens
<b>Accuracy</b>		0.05 to 0.1 $\pm 7\%$ , 0.1 to 1000 $\pm 1\%$ , 1000 to 7000 $\pm 3\%$
<b>Integrating Sphere</b>	<b>Diameter</b>	12.7mm diameter
	<b>Sample pore</b>	
CIE photopic f'l		$\leq 6\%$
<b>Temperature Characteristics</b>		$\pm 0.1\%/^{\circ}\text{C}$
<b>Measuring Rate</b>		Approximately 5 time/sec
<b>Photosensor</b>		Silicon photodiodes
<b>Data Memory Capacity</b>		999 sets. (Direct reading from LCD display)
<b>Data Logger Capacity</b>		40000 sets
<b>Operating/Storage Conditions</b>		0 $^{\circ}\text{C}$ ~ 50 $^{\circ}\text{C}$ <80% RH , -10 $^{\circ}\text{C}$ ~ 60 $^{\circ}\text{C}$ <70%RH
<b>Power Source</b>		6 pcs AAA size Battery
<b>Battery Life (typical)</b>		100 hours
<b>Integrating sphere Lead Length</b>		150 cm (approx.)
<b>Integrating sphere Dimensions</b>		68(Diameter) x 82(H)mm
<b>Dimension</b>		150(L) x 72(W) x 35(H)mm
<b>Weight</b>		470g
<b>Accessories</b>		Carrying case, Instruction manual, Battery, CD software, RS232 cable, AC adaptor, Adapter kit.