



Optical Test and Calibration

The TES 1330A, 1332A & 1334A Illuminance meters are easy to use precision instruments designed for environmental monitoring, health and safety checks and industrial applications. With a resolution of 0.01 lux on the 20 lux range the 1330A & 1334A meters are suitable where low light measurements are required.

All meters are supplied complete with a UKAS calibration certificate for peace of mind.

Features

- 1330A & 1332A measures Lux
- 1334A measures both Lux and foot-candles with additional feature of "peak hold"
- Silicon photo diode sensor
- Automatic zero function
- 12mm LCD display with function indicators
- High accuracy and rapid response
- Sampling 2 times per second
- Sensor connected to instrument by a fixed 1.5m coiled connection cable
- Data hold freezes measured values
- Manual range selection over 4 ranges with auto indication of over range



TES

Technical Specification 1330A / 1332A/ 1334A

Ranges

1330A	20 / 200 / 2,000 / 20,000 lux
1332A	200 / 2,000 / 20,000 / 200,000 lux
1334A	20 / 200 / 2,000 / 20,000 lux / foot-candles

Range	Resolution	Accuracy
20 lux	0.01 lux	$\pm 3\%$ of reading $\pm 0.5\%$ full scale
200 lux	0.1 lux	$\pm 3\%$ of reading $\pm 0.5\%$ full scale
2,000 lux	1 lux	$\pm 3\%$ of reading $\pm 0.5\%$ full scale
20,000 lux	10 lux	$\pm 4\%$ of reading ± 10 digits
200,000 lux	100 lux	$\pm 4\%$ of reading ± 10 digits

Power supply	DC 9V battery PP3
Weight	242grammes
Dimensions	135 x 72 x 33 mm
Accessories (included)	Carry case, protective lens cap

Supplied with a choice of 2 levels of UKAS Calibration Certificate

1. UKAS 10 ~ 20,000 lux @ standard points.
2. UKAS 10 ~ 20,000 lux @ standard points + Standard Traceable @ 0.1 ~ 10 lux.