Light intensity measuring instrument

testo 545 – Lux meter with measurement site management

Selection of up to 99 measurement sites

Logger function

Point or timed mean value calculation

Quick documentation on site with Testo fast printer

In order for light to be good light, the light intensity at workplaces, in hospitals, offices or schools must meet certain minimum values.
testo 545 is ideally suitable for testing and monitoring light intensity. Using the software included in delivery, the user can store up to 99 different measurement sites, and connect individually stored light intensity values to a curve. This "light profile" provides information on the regularity of the lighting.

With the integrated logger function, up to 3000 measurement values can be stored in the instrument. This allows the user to monitor the light intensity even over a longer period. The measurement results can be printed out directly on site with the Testo fast printer.

www.testo.co.uk

Technical data / Accessories

testo 545

testo 545, light meter, incl. probe, battery
and calibration protocol

Part no. 0560 0545

Sensor type	Silicone photodiode
Meas. range	0 to +100000 Lux
Accuracy ±1 digit	Accuracy to DIN 13032-1: f1 = 6% = V (Lambda) adaptation f2 = 5% = cos like rating
Resolution	1 Lux (0 to +32000 Lux) 10 Lux (0 to +100000 Lux)

General technical data

Display	LCD, 4 lines
PC	RS232 interface
Conn.	Fixed cable, coiled
Memory	3000
Oper. temp.	0 to +50 °C
Storage temp.	-20 to +70 °C
Battery type	9V block battery
Battery life	50 h
Dimensions	220 x 68 x 50 mm
Weight	500 g
Material/Housing	ABS
Warranty	2 years

Accessories

Part no.

Accessories for measuring instrument

	Part no.
Transport case (plastic) for measuring instrument, probes and accessories for safe and orderly storage	0516 0445
Case for secure storage of measuring instrument	0516 0191
Testo fast printer with wireless infrared interface, 1 roll thermal paper and 4 AA batteries	0554 0549
External fast charger for 1-4 AA rech. batteries, incl. 4 Ni-MH rech. batteries with individual cell charging and charge control display, incl. impulse trickle charging, integrated discharge function, with built-in international mains plug, 100-240 V, 300 mA, 50/60 Hz	0554 0610
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls), permanent ink measurement data documentation legible for up to 10 years	0554 0568
ComSoft Professional 4, Pro software incl. data archiving	0554 1704
RS232 cable connects instrument to PC (1.8 m) for data transfer	0409 0178
ISO calibration certificate/light; Calibration points 0;500;1000;2000;4000 Lux	0520 0010

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