



## testo 540

### Light intensity



#### Features:

- sensor adapted to spectral sensitivity of the eye
- hold-function and max-/ min-values
- calibration protocol
- protection cap for safe keeping
- including wrist strap and belt holder

#### Protection cap:



Technical data	
measuring range:	0 ... 99,999 lux 1 lux (0...19,999 lux)
resolution:	10 lux (20.000...99,999 lux)
accuracy:	+/- 3% (compared to reference)
measuring rate:	0.5 sec
units:	lux, footcandle
<b>Operation temp.</b>	<b>0 ... 50°C</b>
<b>Battery type</b>	<b>alkaline (2x AAA)</b>
<b>lifetime</b>	<b>20h (typical backlight off)</b>
<b>Dimensions</b>	<b>133 x 46 x 25 mm (incl. protection cap)</b>

#### Ordering data

Part no.	0560 0540
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## Light meter with location management

PC analysis  
Prints  
Logger function  
Mean  
MAX/MIN



In order to have good quality light, the luminous intensity in the workplace, hospitals, offices or schools has to fulfill specific minimum guidelines. This can be checked using the testo 545.

A location list with individual luminous intensity values can be saved and later connected to form a curve using software. This "light profile" provides information on the uniformity of the lighting.



Measuring light in the workplace

- Multi-point or timed mean calculation
- Stores up to 99 file locations
- Logger function (3000 readings)
- Quick documentation on location with Testo printer

### testo 545

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

Part no. 0560 0545



Mean calculation in a graphics studio

### Ordering data for Accessories

	Part no.
TopSafe (indestructible protection case) incl. bench stand and belt clip IP 65, protects instrument from water, dust, impact, scratches, chemicals	0516 0441
Case For secure storage of measuring instrument	0516 0191
Testo printer with 1 roll of thermal paper and 4 AA size batteries Prints readings on location	0554 0545
Recharger for printer (with 4 standard rech. batt.) Rechargeable batteries are recharged externally	0554 0110
Spare thermal paper for printer (6 rolls)	0554 0569
Spare thermal paper for printer (6 rolls)	0554 0568
Measurement data documentation legible for up to 10 years	
ComSoft 3 - Professional with data management Incl. database, analysis and graphics function, data analysis, trend curve	0554 0830
RS232 cable Connects instrument to PC (1.8 m) for data transfer	0409 0178
Transport case (plastic) for measuring instrument, probes, accessories Now bigger for safe and orderly storage	0516 0445
<b>ISO calibration certificate/Light</b> Lux probes; calibration points 500; 1000; 2000 Lux	0520 0010

### Recommended kit:

#### testo 545, Comfort Set incl. printer



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

TopSafe (indestructible protection case) incl. bench stand and belt clip

Testo printer with 1 roll of thermal paper and 4 AA size batteries

Transport case (plastic) for measuring instrument, probes, accessories

### Technical data

Meas. range	0 to +100000 Lux	Display	LCD, 4 lines
Accuracy ±1 digit	Accuracy to DIN 5032, Part 6: f1 = 8% = V (Lambda) adaptation f2 = 5% = cos like rating	PC	RS232 interface
		Conn.	Fixed cable, coiled
		Memory	3000
		Material/Housing	ABS
		Oper. temp.	0 to +50 °C
		Storage temp.	-20 to +70 °C
		Battery type	9V block battery
		Battery life	50 h
Resolution	1 Lux (0 to +32000 Lux) 10 Lux (0 to +100000 Lux)	Dimensions	220 x 68 x 50 mm
		Weight	500 g
		Warranty	2 years

Lux