CALIBRATOR / SIMULATOR

PCE-LMDC 200



- **Light intensity 100 lx**
- **Light colour 3000 K**
- **Working period 1 min.**
- **Input voltage control**
- **Suitable for PCE-LMD 200**
- **Ø probe 44 mm Ø receiving field 12.5 mm.**

The simulator for light measuring devices is characterised by its precise properties. The light intensity of the simulator is fixed at 100 lux and ensures reliable and precise adjustment of the light sensors. Light measuring devices that are checked and adjusted with the simulator provide reliable measured values under real conditions.

Another important feature of the simulator is its defined light colour of 3000 Kelvin. This colour temperature of the simulator's light source is adapted to common lighting conditions and therefore enables realistic calibration. The working period of the simulator is 1 minute. This short period of time ensures that the simulator's light source is not subject to unnecessary wear and tear.

In addition, the simulator includes an input voltage control to ensure that the simulator is operated under optimal conditions. This function helps to eliminate possible sources of error and ensure the accuracy of the light output. Overall, this simulator is a reliable and precise solution for calibrating light meters, especially the PCE-LMD 200. Its carefully defined features allow the instruments to be precisely adapted to different lighting conditions, ensuring the reliability of light measurements.

Specification

General technical data	
Accuracy	±0.1 % (max. ±0.3%) after 3000 periods or 1 year ±1%
Units	lx
Luminous intensity	100 lx
Light colour	3000 K
Protection class (device)	IP20
Power supply	12V DC 0,6 A
Connector type	Device-europlug
Operating conditions	0 ... 40 °C , 0 ... 80 % RH
Storage conditions	0 ... 40 °C , 0 ... 80 % RH
Dimensions (L x W x H)	110 x 80 x 80 mm
Weight	650 g

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