



magnetic particle testing

penetrant testing

luxmeter so 200k

Digital luxmeter for checking daylight viewing conditions (PT/MT/VT)

description

This remote probe digital meter offers a wide range of measurements and excellent performance. Economical and adjustable if necessary, it measures illuminance (natural or artificial white light) from 0 to 200,000 lux in four measurement ranges. The SO 200K is not designed for measuring illuminance due to visible light under UV-A radiation. In this case, use our combined radiometer/luxmeter POLLUX.

ESSENTIAL CHARACTERISTICS

- Large measurement range in lx or fc
- Fast, accurate and repeatable measurements
- Remote probe protected by a cover
- Highly stable, long-life silicon photodiode
- Cosine correction for oblique light
- Auto Zero
- "Hold" and "Peak" functions
- 1m coiled cable
- Rubber Shockproof Case
- Holding stand
- Carrying case
- Lightweight and very easy to use



GENERAL SPECIFICATIONS

Display	20 mm 3 ½ digit LCD
Measurements and ranges	<p>Lux: 200 - 2,000 - 20,000 - 200,000 lx</p> <p>Foot candle: 20 - 200 - 2,000 - 20,000 FC</p>
Sensor	Photodiode with filter
Full indication	"1" is displayed on the largest of the digits
Operating temperature	0 - 40°C up to 70 RH
Feed	9V 6F22 battery
Autonomy	200 hours
Mass	250g
Dimensions	<p>Device : 148 x 70 x 40mm</p> <p>Sensor: 100 x 60 x 28mm</p>
Accessories	Meter with shockproof case, probe with protective cover, battery, instruction manual, spare screws for battery compartment, carrying case

ELECTRICAL SPECIFICATIONS at 23°C ±5°C

Measure	Range	Resolution	Precision
lux	200lux	0.1lux	±(3%+1lux)
	2000lux	1lux	±(3%+10lux)
	20,000lux	10lux	±(5%+100lux)
	200,000lux	100lux	±(5%+1000lux)
f.c.	20 fc	0.01 FC	± (3% + 0.1 fc)
	200 FC	0.1 FC	± (3% + 1 fc)
	2000 cf	1 FC	± (5% + 10 fc)
	20,000 FC	10 FC	± (5% + 100 fc)