

Quality Assurance in Medical Imaging

LXcan – Spot Luminance Meter Display QA



Key Benefits

- **Unique Two-in-One design**
Distance and contact measurement in one device
- **Innovative design**
Easy targeting with a built-in camera
- **Highly precise**
Real-time measurement

Technical Specifications

LXcan – Spot Luminance Meter

Luminance Measurement Range:	0.05 to 10,000 cd/m ²
Maximum Luminance Resolution:	0.03 cd/m ²
f1`Uncertainty of V(λ) Response:	≤ 3 %
General Uncertainty:	≤ 10 %
F.O.V. Lens:	~ 1.6 °
Influence of Outfield Luminance f2 (U):	≤ 0.6 %
Stray-Light-Baffle:	Integrated
Measurement Distance:	50 cm
Measurement Spot:	2 cm at 50 cm distance
Distance Sensor:	Ultrasonic
Illuminance Measurement Range: ¹⁾	0.1 to 10,000 lx
Total Uncertainty:	≤ 10 %
Display:	1.2" TFT
Control Buttons:	Three
Interface:	USB, RS 232
Battery rechargeable via USB:	Li-Ion
Housing:	Al; Tripod Adapter
Dimensions:	220 x 80 x 45 mm
Weight:	500 g
Power Consumption (use with USB):	approx. 450 mA
Expected Operation Time (Battery use):	approx. 8 h

¹⁾ Optional
Detector Head and
External Illuminance Detector

- Luminance Meter; 0.05 to 10,000 cd/m² with F.O.V. ~ 1,6°
- Photometric V(λ) Uncertainty ≤ 3 %
- Extra low Stray-Light Rejection for High Contrast Ratio
- Distance and Imaging Sensor for Measurements at 50 cm
- External Illuminance Detector; 0.1 bis 10,000 lx
- RS 232 and USB Interfaces
- Rechargeable Lithium Battery

CONTACT

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