

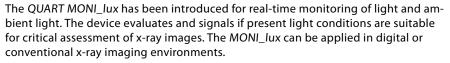
QUART MONI_lux

Ambient Light Monitoring



QUART MONI lux

Device for Ambient Light Monitoring to Optimise Image Viewing Conditions in Radiological Practice



The QUART MONI_lux checks automatically if the ambient light is not too bright to assure proper viewing conditions. For this purpose it has been factory calibrated to signal the appropriate (green) range between 20-60 lux. The device also signals when the room light is too dark for critical image assessment (yellow). The reason for this is that in too dark environments light areas in an x-ray image tend to glare when viewed on a viewing box or on a digital monitor. The prevention of this provides an ergonomic image viewing environment.

Regarding various National QA/QC Standards, the use of the QUART MONI_lux may also simplify certain test procedures. Example Germany: When continuously used in image viewing environments, parameters such as Maximum Contrast and Veiling Luminance need only be checked 2 times per year at a monitor instead of 4 times.

The device is designed for continuous long-time use. Its power consumption is very low. The power supply can be established from an available USB port at the worksta-

The QUART MONI_lux complies with IEC 61223-2-5 and DIN 6856-1.

Technical Specifications

Display Range: Yellow < 20 lux

> Green 20 - 60 lux

Red > 60 lux (blinking)

Evaluation Angles: 120° (front) / 60° (back; only Version TL)

Temperature Range: 10 - 55°C -5 - 60°C Storage Range:

7.5x5.5x1.5 cm (WxLxH) Size:

Weight: 50 g Power Supply:

or Universal Mains Unit (optional on request)

Attachment: On top of viewing device (to be flush with monitor front)

Protection Class: Class II equipment VDE 0106, part I

Article Number(s): 11701 (USB)

On request (Netzgerät)

Inluded in the Delivery

✓ QUART MONI_lux Monitoring Device

✓ Strong Adhesive Tape

✓ USB Cable (only for Power Supply)

✓ Manual

Also Available

MaVo 5032 B/C Light & Luminance Meter (Class B or C) MaVo_spot High-Precision Light & Luminance Meter QUART MONI_pro **Software for Monitor Constancy Test**









