

MAVOMAX 60, RK1, RK2/RK5

Interior Light Monitor

4/08.17

The **MAVOMAX** room light monitor is used wherever a constant illuminance has to be ensured. This applies, in particular, to compliance with the room classes according to DIN 6868-157 of diagnostic rooms, examination rooms with immediate diagnostics, dental diagnostic workstations and in teleradiology, where diagnostic monitors and light boxes for medical applications are used. For universally usable rooms with dimmable lighting, it supports the setting of the permissible illuminance for diagnostic.

During the transitional period for the quality assurance of image reproduction devices according to DIN V 6868-57, the **MAVOMAX** can be used in order to extend the interval of constancy testing of image display devices for veiling luminance and maximum contrast to 6 months. In the case of repeat measurements within the framework of acceptance or constancy testing, veiling luminance need not be measured again and the 60-minute waiting time until the image display device has reached a stable state is eliminated.



Initial Start-Up

The MAVOMAX is attached to the front edge of the monitor with the help of the double-faced tape at the bottom. The front of the MAVOMAX must be flush mounted to the front of the monitor. Please note that the MAVOMAX can no longer be removed after attaching it to your monitor. **Forcible removal of the monitoring unit will destroy the base plate of the MAVOMAX!**

The MAVOMAX is supplied with electrical power by connecting it to either an available USB port or the included mains power pack via the permanently attached USB cable. The MAVOMAX is designed for continuous operation and is now ready for use.

The **green LED** indicates that ambient light is within the permissible range for the interpretation of findings. The **red LED** indicates that the brightness is not within the permissible range.

Technical Data

Monitoring range:	MAVOMAX 60 (20...60 lux), RK1 (0...50 lux), RK2/RK5 (50...100 lux)
Power supply:	Via permanently attached USB cable, approx. 2.75 m long Mains power pack: 100 ... 240 V, 50/60 Hz, 0.15 A, for indoor use only
Dimensions:	40 x 33 x 23 mm
Protection class:	Class II per VDE 0106, part 1

Maintenance

The instrument does not require any special maintenance if used in accordance with the operating instructions. If the instrument becomes contaminated during use, clean the surface of the housing with a slightly moistened cloth. Avoid the use of cleansers, abrasives or solvents. If at any time your MAVOMAX does not function to your full satisfaction, please contact our service department.

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