

# bluephase<sup>®</sup> meter

Licence to measure intensity

The innovative radiometer  
with the unique measuring principle



# Accurately determine the intensity of LED lights

The light intensity is a decisive factor when it comes to the quality of light cured restorations. In order to ensure adequate polymerisation at any time with the shortest possible curing times it is recommended to regularly check the performance of the curing light in use.

The innovative bluephase meter with an ingenious measuring principle is ideal for checking the light intensity of all LED curing lights with a circular light emission window. Compared to conventional radiometers, the radiating surface is taken into

account. Therefore, it is possible to accurately determine the actually available light intensity for the first time. The intelligent line sensor determines both the emitted power and the diameter of the light emission window. Based on these data, an integrated micro-processor then precisely calculates the available light intensity.

The measuring process is very easy for the user. Position the light probe exactly on the line sensor by means of the centering gauge, switch on the curing light and read the intensity on the display.

## Delivery form

bluephase meter

## Order No.

607 922

## Measuring range

Wavelength range

385 - 515 nm

Light intensity

300 - 2,500 mW/cm<sup>2</sup>

For circular light sources

Ø 7 - 13 mm

## Technical Data

Operating voltage

4.5 VDC

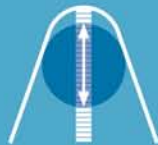
Power supply

3 x LR6 AA 1.5 VDC

Warranty

3 years

### Intensity = power per area [mW/cm<sup>2</sup>]



#### Power [mW]

Up to 256 individual sensors determine the power emitted by the curing light.

#### Area [cm<sup>2</sup>]

The first and the last irradiated sensor determine the diameter and radiating surface of the light emission window.

