



RADIOMETER X

LED LIGHT CURING METER



»An excellent device. The larger sweet-spot area for reading makes it possible to capture the light of tips with different diameters.«

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SIMPLICITY AND ACCURACY

Over time, all LED curing lights will lose intensity, resulting in premature restoration failures. It is essential to regularly test your curing lights to ensure they continually perform at the optimal intensity.

» Inadequate light curing can lead to reduced bond strength, microleakage, post-operative sensitivity, pulpal toxicity, recurrent caries, lack of colour stability, increased wear, and fracture.† «

Strassler, Howard & Price, Richard. (2014)

ACCURACY

Radiometer X accuracy: +/- 10%.*

Radiometer X has been engineered to deliver extremely accurate readings. The sensor is especially refined for accurate readings of the SDI Radii curing light range (Radii Xpert, Radii Plus and Radii-Cal).

FOR ALL LED-CURING LIGHTS

Radiometer X is compatible with all curing lights. It is designed to measure the crucial light intensity between the 380-550 nanometers wavelength range. Radiometer X provides readings between 300 to 3,000 mW/cm².

NO CALIBRATION REQUIRED

While other radiometers require manual calibration between different lens widths, Radiometer X is engineered to automatically adjust to all lens diameters.

This automatic adjustment eliminates the possibility for user errors, ensuring optimal accuracy.

The reading output is highlighted with large visible numbers for easy reading.

ORDER DETAILS

RADIOMETER X

1 x Radiometer X
1 x Alkaline 9v Battery (included)

5600029

ACCURATE OFF-CENTRE READINGS

While other radiometers display significantly different readings for curing lights that are tested only a few degrees off-centre, Radiometer X has a wide angle tolerance zone.

This larger 'sweet-spot' results in more precise readings by eliminating off-centre differences.

SMART TECHNOLOGY

The digital display powers on and off automatically for longer battery life.

LIGHTWEIGHT AND COMPACT

Weighing only 125g / 4.4oz, the ergonomically designed Radiometer X is easy to carry and store in any dental practice.

BEST IN CLASS WARRANTY

Radiometer X comes with an unbeatable 5 year warranty.

BENEFITS

- **5 YEAR WARRANTY** for peace of mind
- Rule out post-op sensitivity due to inadequate curing
- Enhance your everyday clinical procedures



SPECIFICATIONS

Warranty	5 years
Off-centre reading compatibility	Yes
Wavelength range	380 - 550 nm
Light intensity	300 - 3,000 mW/cm ²
Measuring accuracy	± 10%*
Weight	125g / 4.4oz

*For Radii Xpert, Radii Plus and Radii Cal (SDI Limited). Other curing lights may have a larger variance.

†Strassler, Howard & Price, Richard. (2014). Understanding light curing, Part I. Delivering predictable and successful restorations. Dentistry today. 33. 114, 116, 118 passim; quiz 121.



YOUR SMILE. OUR VISION.



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