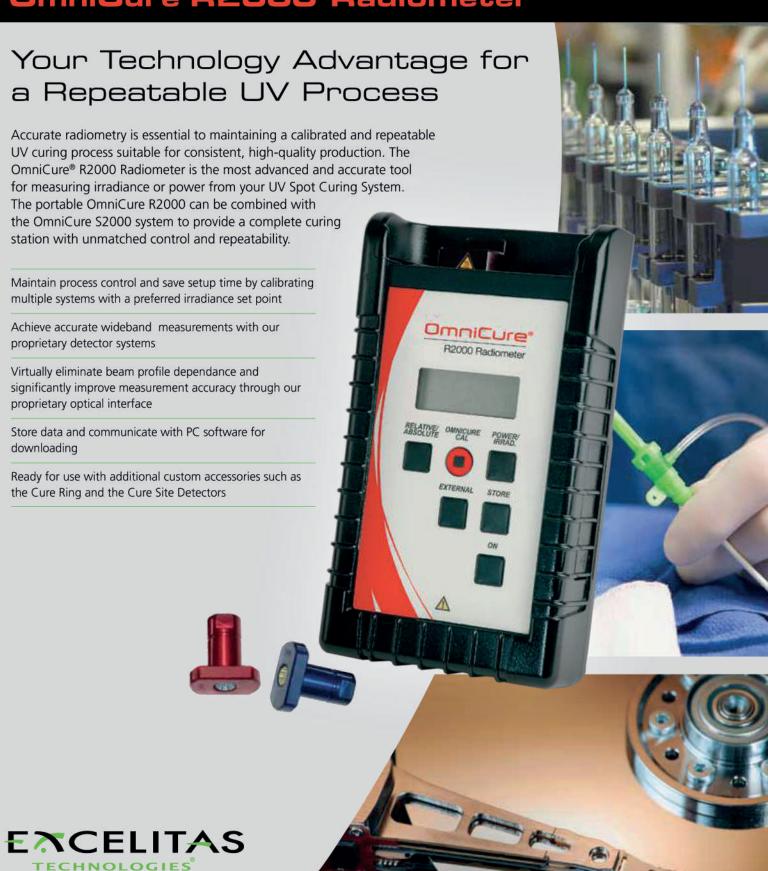


## OmniCure R2000 Radiometer



www.excelitas.com

# OmniCure R2000 Radiometer

## **Expanding Your Options**



#### PROXIMITY ADAPTOR

The proximity adaptor allows the user to obtain accurate applicationspecific power or irradiance measurements in flood geometry. Measurements are done by placing the emitting end of the light directly over the top of the proximity adaptor, inserted into the OmniCure® R2000 Radiometer.



The lamp output adaptor is a rigid adaptor that interfaces the curing unit and light source to allow direct measurements of the lamp power. This optical accessory is very important for system maintenance as it can be used to determine if the Light Guide requires replacement due to degradation.



### **CURE RING** DETECTOR

When used in conjunction with the OmniCure R2000 Radiometer, the Cure Ring Detector measures output power from the Cure Ring directly at the cure site, ensuring a highly repeatable process.



### **CURE SITE** DETECTOR

When used in combination with the OmniCure R2000 Radiometer. the Cure Site Detector measures output power of a Light Guide or optical accessory directly at the cure site. This provides accurate data for energy calculations, enabling the user to control the curing process more accurately.

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Wavelength Range	250 nm - 1μm (with suitable calibration)
Maximum Range	Power: 1 mW-12 W Irradiance: 5 mW/cm²-60 W/cm² (with 5 mm Light Guide)
Resolution	Power: 1 mW Irradiance: 5 mW/cm² (with 5 mm Light Guide)
Accuracy	+/- 5% typical; +/- 10% maximum
Auto-ranging	Power: 1-990 mW; 1.0-12.00 W Irradiance: 5-990 mW/cm <sup>2</sup> ; 1.0-60 W/cm <sup>2</sup>
Battery	3.6V Li
Battery Life	2 years, typical (intermittent use)
Functions	Irradiance Measurement, Power Measurement, Automatic Light Guide Detection, Relative Mode, OmniCure Calibration, Store Data Points, External Input, On Button, Auto Off, Calibration Due Message
Certification	CE marked; complies with IEC, Canadian and US Standards, RoHS compliant

GENERAL SPECIFICATIONS	
Dimensions (L x W x H)	7 1/2" x 4 3/8" x 2" (19.0 cm x 11.1 cm x 5.0 cm)
Weight	1 lb (450 g)
Warranty	1 year

<sup>1</sup>Calibration of the OmniCure® R2000 Radiometer is recommended every twelve months. Contact Excelitas Technologies for further information.

For Scandinavia and the Baltics sales and support, please contact EFSEN UV & EB TECHNOLOGY.

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