

# OmniCure® S2000

## Spot UV Light Curing System with Intelligent UV Sensor

The OmniCure® S2000 spot UV curing lamp system offers the highest level of process control and consistency with real-time Closed-Loop Feedback technology using an integrated optical UV sensor. When paired with an OmniCure R2000 radiometer, the S2000 light curing system is unmatched in precision light delivery and repeatable adhesive curing results.

When it comes to peace-of-mind and the consistent results of a production process, the OmniCure S2000 is recognized as the global leader in spot UV curing lamp systems for bonding precision assemblies using light-cured adhesives. With a powerful 200 Watt UV lamp output, broad spectral adhesive compatibility and automatic hours of use tracking via its patented Intelli-Lamp® technology, the S2000 is the most value-added and intelligent UV curing lamp system of its kind.

### OmniCure: UV Curing Systems

#### OmniCure S2000 UV Curing System

Excelitas' S Series UV curing systems are ideal for precision adhesive curing in a variety of industries, including electronic assembly, medical device bonding, and optoelectronics applications. The OmniCure S Series provides faster, stronger cures of UV adhesives, which results in superior product quality, rapid production, and lower manufacturing costs. Excelitas' innovative design and substantial UV curing systems expertise goes into each curing machine to provide peace-of-mind when choosing the most dependable spot curing equipment available in the industry.

Show/Hide Additional Information

- Features & Benefits
- Specifications
- Closed-Loop Feedback
- Closed-Loop Feedback Savings
- Intelli-Lamp
- Intelli-Lamp Savings
- Resources

Description	OmniCure S2000 Spot UV Curing System
UV Curing Lamp Technology	High pressure 200 Watt mercury vapor short arc with integrated Intelli-Lamp
UV Curing Lamp Life	2000 hours (guaranteed)
Available UV Curing System Filters	Standard: 320-500nm Optional: 250-450nm*, 365nm, 320-390nm, 400-500nm
Panel Controls	Power On/Off, Display Mode, Adjust UP/DOWN, START/STOP, lock/unlock
Panel Displays	Accumulated UV Lamp Usage, Exposure Time (0.2 – 999.9sec), iris setting (0-100%) / irradiance level (0.2W/cm² – 40W/cm²), lamp on, shutter open, calibrated, light guide inserted, shutter/lamp error, lamp warm-up
Warm-up Period	4 minutes (typical)
Power In	100-120VAC / 200-240VAC, 50/60Hz
Power Supply	High efficiency, switch mode, line isolated
General Specifications	
Dimensions (LxWxH)	13.3" x 7.1" x 7.9" (33.8cm x 18.0cm x 20.1cm)
Weight	9.9lbs (4.5kg)
Light Curing System Includes	UV Lamp Module, Selected Filter (Installed), Protective Eyewear, Grounded and Shielded Power Cord, Foot Pedal, Manual