



Omnicure S1500 UV Spot Curing System

POLY DISPENSING SYSTEMS

S Y S T E M E S D E D O S A G E I N D U S T R I E L

122, Chemin de la Cavée - 78630 Orgeval • contact@polydispensing.com • Tél : 01.39.62.40.92

www.polydispensing.com

Omnicure S1500



The OmniCure® S1500 delivers power, control and reliability in an extremely cost-effective, affordable system.

Powerful 200 Watt Intelli-Lamp® with a guaranteed lamp life of 2000 hours

Automatic lamp striking with hot strike prevention that will protect lamp life

Selectable bandpass filters to customize light wavelengths for specific applications

Easy-to-use finger-touch controls with bright LED display

The OmniCure® Advantage In Spot Curing Systems

Recognized as the global leader in bonding systems for precision assembly with light-cured adhesives, the OmniCure® S2000 provides the power, control and repeatability required for high-speed automated manufacturing assembly. Offering a powerful 200 Watt lamp with a guaranteed life of 2000 hours, the OmniCure® S2000 also offers Closed-Loop Feedback technology and a flexible PC software interface for computer-controlled operation. When combined with OmniCure®'s R2000 Radiometer, the OmniCure® S2000's precision and reliability is unmatched. The OmniCure® S2000 is also designed to adhere to regulatory validations and is RoHS compliant.

■ Powerful 200 Watt Intelli-Lamp®

The powerful patented 200 Watt Intelli-Lamp® installed in the OmniCure® S1500 guarantees an amazing 2000-hour lamp life and a typical lamp life of up to 4,000 hours. Faster curing is achieved with high UVA irradiance of up to 10W/cm².

■ Intelligent Operation

The OmniCure® S1500 has a multitude of built-in features that provide greater control, precision and versatility. Features include an adjustable iris, patented Intelli-Lamp® technology, selectable bandpass filters, process alarms, and 'lock out' protection, most of which are found only in higher-priced curing systems. The curing system can also be programmed and controlled externally from a PLC using the 15-pin I/O ports.

■ Ease-of-Use

With snap-in lamp insertion, finger touch controls, an easy-to-read LED display, process indicators and automatic lamp striking, the OmniCure® S1500 is simple to use. Hassle-free snap-in lamp insertion and a low-noise fan improve ongoing operation.

OmniCure® S1500 Typical Irradiance

S1500	R2000
FILTER (nm)	IRRADIANCE (W/cm ²)
320-500	23
400-500	14.5
320-390	7.3
365	5.9
250-450	19.1
no filter	27.7

FEATURES	BENEFITS
Faster Shutter Activation Time	Improved shutter activation latency increasing productivity
Modified PLC Level	Provides trigger signal versatility by selecting either edge or level modes
200W lamp technology with 2000 hour lamp life guarantee	Less frequent lamp changes for lower operating costs
Intelli-Lamp® Technology to cool lamp and monitor lamp hours	Maintain optimum operating condition, stable lamp output, longer lamp life, accumulated lamp hours
Adjustable light output in 1% increments	Allowing very precise control of output
External PC Controlled	Beneficial for automated assembly processes
DESCRIPTION	
Lamp	High Pressure 200 Watt Mercury Vapor Short Arc
Lamp Life	2000 hours (guaranteed)
Available Filters	Standard: 320-500nm Optional: 250-450nm*, 365nm, 320-390nm, 400-500nm, 250-600nm*
Panel Controls	Power On/Off, LED Display, Up/Down Adjust Buttons, Start/Stop Button
Panel Displays	Accumulated lamp usage, Exposure time (0.2 - 999.9sec), iris setting (0-100%) / irradiance level (0.2W/cm ² - 40W/cm ²), lamp on/warm-up, shutter open, calibrated, Light Guide detection, shutter/lamp error
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)
Includes	Lamp Module, Selected Filter (installed), Protective Eyewear, Grounded and Shielded Power Cord, Foot Pedal, Manual
Warranty	1 year (excluding Lamp and Light Guide)

Expanding Your Options

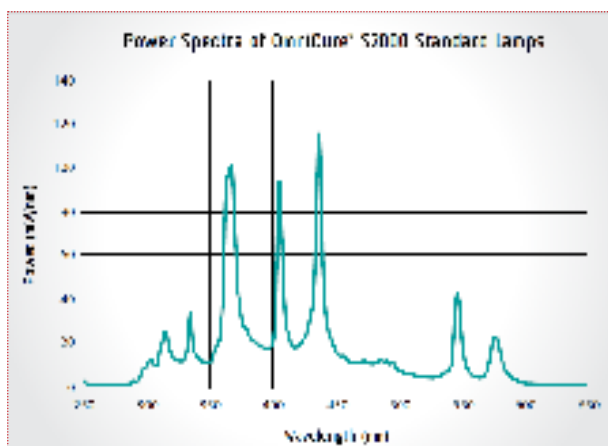


■ Light Delivery

To accommodate the various needs of its' customers, the OmniCure® S2000 is adaptable to four different light guide options. Ideally used with a multi-legged High Power Fiber Light Guide to cure multiple sites with a single light source, Single-Legged, Liquid-Filled and Fiber Light Guides are also available.

■ Radiometer

Optional Accessory: OmniCure® R2000 Radiometer. Accurate radiometry is essential to maintaining a calibrated and repeatable UV curing process suitable for consistent, high-quality production.



■ Flexible Spectral Output

The broad spectral output makes the OmniCure® S2000 ideal for a wide range of applications. Selectable bandpass filters allow you to customize the light for your specific application.

Poly Dispensing Systems



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.

FRANCE - SWITZERLAND
NORTH AFRICA

Poly Dispensing Systems
122, Chemin de la Cavée
78630 Orgeval

FRANCE

☎ + 33 (0)1 39 62 40 92

📠 + 33 (0)1 39 62 40 94

www.polydispensing.com

BELGIUM - NETHERLANDS

LUXEMBOURG

Gentec Benelux

Rue de L'Industrie, 12

B-1400

Nivelles

BELGIQUE

☎ +32 2 351 1800

📠 +32 2 351 1962

www.gentec-benelux.com

- NON CONTRACTUAL DOCUMENT -

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