

\$1000

OMNICURE

UV/VISIBLE SPOT CURING SYSTEM



The Series 1000, the first model in the new OmniCure® Platform, provides excellent versatility in a cost effective system. Ideal for manual applications, this system contains many features previously found only in higher priced curing systems.

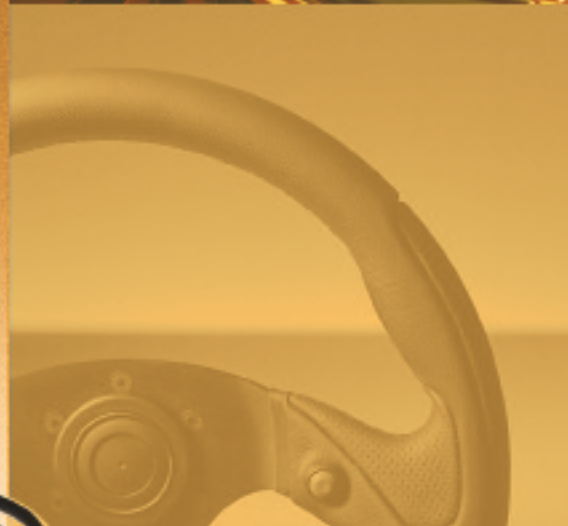
WWW.EXFO-UV.COM

EXFO

EXPERTISE REACHING OUT



REPEATABILITY



CONTROL



SPEED



PRECISION

Precision Technology Light Years Ahead

Easy to Use

Finger touch controls, a bright blue LED display, process indicators and automatic lamp striking make the OmniCure® Series 1000 simple to use. New snap in lamp insertion and low noise fan improves ongoing operation.

Intelligent

The OmniCure® Series 1000 includes many built-in features such as an adjustable iris, patented Intelli-Lamp™ technology, bandpass filters, process alarms, and password protection which are normally found only in higher priced curing systems.

Versatile

The OmniCure® Series 1000 includes a powerful 100W lamp providing high intensity curing and over 2000 hours of lamp life. The broad spectral output makes it ideal for a wide range of applications, while the adjustable iris and selectable bandpass filters allow you to control the light for your specific application.

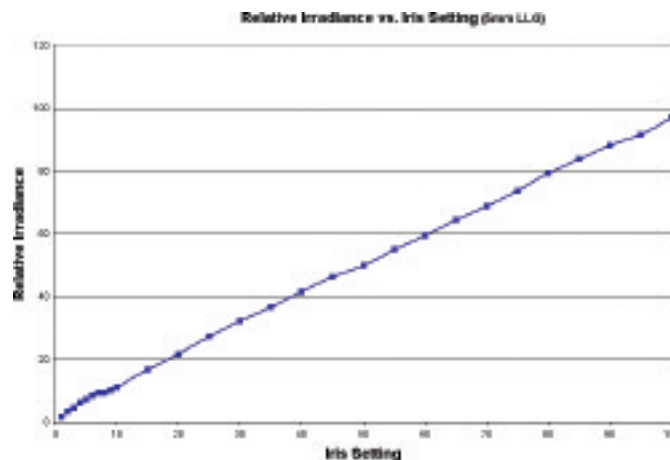
Adjustable Iris

The adjustable iris allows you to select very precise irradiance levels for your curing application. The iris setting is adjustable in 1% increments with a very linear relationship between the iris position and the output irradiance.

For even greater control, combine your OmniCure® Series 1000 with the EXFO R2000 Radiometer to adjust the output to specific irradiance values.



Adjustable Iris



EXFO R2000 Radiometer



Features

Benefits

100W lamp with 20W/cm ² of output	Versatility: Delivers the intensity required for a broad range of applications; ideal for use with multi-legged light guides
Long lamp life: 2000 hours typical	Lower operating costs
Iris adjustments in 1% increments	Select the specific output intensity required
Advanced shutter/iris wheel	Tested to over 6 million activations for increased reliability
Intelli-Lamp™ technology	Maintains optimum operating conditions, stable lamp output, longer lamp life, accumulated lamp hours
Finger touch control panel with LED display	Easy to use
Selectable bandpass filters	Customize the light wavelengths for your application
Shutter, lamp and light guide alarms	Confirms process: ensures repeatability and quality control
Hot strike prevention	Protects lamp life
Password protection	Protects settings for ensured repeatability
Foot pedal (standard)	Convenient hands free operation
Low noise fan	Quiet operation in the workplace
CE marked; certified to IEC, Canadian and US standards	Ready for use worldwide
Small footprint	Ideal for bench top use and small workstations

Light Delivery

The OmniCure® Series 1000 is ideal for use with EXFO's new multi-legged High Power Fiber Light Guides to cure multiple sites with a single light source. EXFO also offers single legged liquid-filled or quartz fiber light guides to suit most customer needs. Our full line of optical accessories will meet virtually any assembly challenge. EXFO welcomes custom requests for unique light delivery requirements.

High Power Fiber Light Guide



Flexible Spectral Output

The broad spectral output makes the OmniCure® Series 1000 ideal for a wide range of applications. Selectable bandpass filters allow you to customize the light for your specific application.

Filter	Irradiance Output*
320- 500nm	18,500mW/cm ²
320-390nm	8,500mW/cm ²
365nm	5,300mW/cm ²
400-500nm	6,500mW/cm ²
250-450nm**	20,750mW/cm ²
250-600nm**	24,750mW/cm ²

*Measurements taken with a scanning radiometer: calibration traceable to NIST

** Blank Filter; must use fiber or extended range light guide

Specifications

Description

Lamp	High Pressure 100 Watt Mercury Vapor Short Arc
Lamp Life	2000 hours (typical)
Available Filters	Standard: 320-500nm Optional: 250-450nm*, 365nm, 320-390nm, 400-500nm, 250-600nm**
Panel Controls	Power On/Off, Display Mode, Adjust UP/DOWN, START/STOP, lock/unlock
Panel Displays	Accumulated Lamp Usage, Exposure Time (0.2 – 999.9sec), iris setting (0 – 100%), lamp on, shutter open, light guide inserted, shutter/lamp error, lamp warm up
Warm-up Period	90 seconds (typical)
Power In	100-120VAC / 200-240VAC, 50/60Hz
Power Supply	High efficiency, switch mode, line isolated

** Blank filter; must be used with fiber or extended range light guide

General Specifications

Dimensions	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)

Hg-LAMP CONTAINS MERCURY, Manage in Accord with Disposal Laws, See: www.lamprecycle.org or 1-800-668-8752



EXFO Precision Assembly Group is certified under the ISO 9000 Quality Management System. Our global customers can trust that EXFO strives to be the best possible supplier in all aspects of our business.

Contacts

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