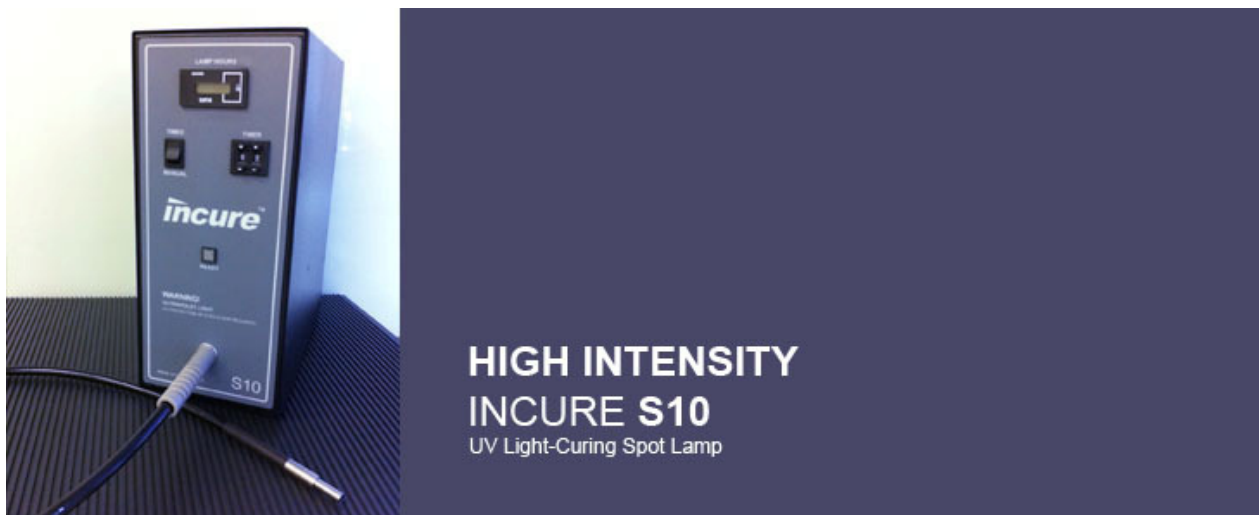


S10 High Intensity Compact UV Spot Curing Lamp

The INCURE S10 is a high intensity compact UV spot curing lamp. The unit was designed with low cost of ownership in mind, with its vertically mounted long-life mercury lamp, separately replaceable elliptical reflector, and filtered input long-life light guide. With easy to use exposure time controls and foot pedal activation make operating the unit a snap. The system weighs in at less than 7.5 pounds, and its 10 x 5 inch footprint is the smallest in its class.



FEATURES	Wide- Range AC line input	The <i>Wide Range</i> 90 to 265 VAC line input makes the S10 easy to use in any country, with no wiring changes or voltage select switching required.
	Highest output intensity	The S10's 100W lamp delivers the highest UVA intensity per lamp watts in the industry. This means that with its >10W/cm ² output, the system will maximize curing speed without overheating the material being cured.
	Cool Light Output	The unit features a dichroic coated mirror, which reflects only the useable UV wavelengths of light through the light guide. The harmful high temperature infrared is diverted away from the material being cured. A secondary in-line filter is utilized to even further reduce heat for extremely sensitive applications. Competitors' units in this high intensity class use only in-line filters, which when used alone are not as effective. Inadequate filtering could result in overheating of the object being cured, and damage of the adhesive bond line.
	Lamp power regulation	The system's patented Power-Plus Lamp Driver maintains constant lamp power regardless of variations in AC line input or lamp voltages. This regulation provides for stable light output, repeatable curing times, and longer lamp life.
	Timer controlled shutter	The unit features an accurate 1 to 99 second, pedal controlled exposure timer and shutter. The timer can be switched from timed to manual for operator control of curing duration.
	Convenient front panel indicators	A front panel hour meter tracks lamp age, allowing for consistent lamp replacement scheduling, and a Lamp Ready LED notifies the user when warm-up is complete.
	Quick-change lamp	The system's side lamp access panel is removed by loosening a single thumbscrew, making lamp or reflector changes possible in 1 to 2 minutes.
	Safety Interlocks	The S10 features two unique safety interlocks, for maximum protection during operation and maintenance procedures. The 1st interlock automatically forces the shutter closed if the light guide is removed, preventing operator exposure to high intensity light. The 2nd interlock immediately removes system AC input power when the lamp access panel is removed or not fully closed, protecting the operator from being exposed to high voltages or high intensity light which is present behind the panel.

General			
	Model	S10	
	Order Number	290002	
Power Supply			
	AC Input Voltage	90 to 265VAC	<i>Wide-Range</i> AC line input
	AC Input Current	2A maximum	
	Source Input Frequency	47 Hz to 63 Hz	
	Lamp Power Regulation	± 2%	
	Fan / Auxiliary Voltage	24V	
	Protection	Inrush current limit, Line voltage surge, Short circuit, Open circuit, Hot re-strike, Over temperature	
Lamp			
	Lamp Type	100 Watt mercury	Quartz, short arc
	Lamp Voltage	30VDC ± 3V	
	Burning Position	Vertical	
	Radiation Flux	12.6 Watts	275 - 650 nm
	Warm-up Time	1 to 2 minutes	
	Cooling time before Restart	2 to 5 minutes typical	Lamp protection prevents restart of hot lamp
	Output Intensity (typical)	> 10,000 mW/cm ² , 320-390nm	Initial, at end of light guide
	Lamp Life	1000+ hours typical	Affected by number of on/off cycles
Environmental			
	Operating Temperature	+10 °C to +40 °C (+50 °F to +104 °F)	
	Storage Temperature	0 °C to +60 °C (+32 °F to +140 °F)	
	Relative Humidity	30 to 75% operating, 10 to 100% storage	Non-condensing
	Cooling	DC fan, forced air	
	Over-temp shutdown	65 °C (internal)	
Dimensions			
	L x W x H (inches)	10.73" x 4.95" x 11.62"	w/o light guide and pedal
	Weight (lbs.)	7.5 Pounds	w/o light guide and pedal