



## SunSpot 2 200 Watt Curing System P/N UV1853

The *SunSpot 2* is a new generation high intensity compact light curing system. The unit was designed with low cost of ownership in mind, with its long-life UV/visible arc lamp, and filtered input long-life light guide. The Sunspot 2 features easy to use exposure time controls and foot pedal activation. The system weighs a mere 6 pounds, and its 4 x 8.5 x 10.5 inch size is the smallest in its class.



### FEATURES

- Initial lamp intensity of 18W/cm<sup>2</sup> UVA typical, > 30W/cm<sup>2</sup> from 300 to 550 nm. Quick change lamp/reflector module, < 1 minute replacement time.
- Front panel locking intensity control, 35 to 100% power adjustment range.
- Regulated dual fans insure cool operation, reliability and lamp life >2000 hours.
- Accurate 1 to 99 second pedal controlled exposure timer and shutter, switchable from timed to manual mode for operator control of curing duration, with shutter remaining open while pedal depressed.
- Lamp auto-dim when shutter closes with instant intensity return when shutter opens, extends life, reduces power consumption and heating.
- Front panel hour meter for lamp replacement scheduling, lamp Ignited indicator illuminates when the lamp is lit, and lamp ready LED signals warm-up complete.
- Rear panel connector for external monitor/control via PC or PLC. Control signals include lamp off, shutter open, and hour meter reset. Monitoring signals include lamp ignited and lamp ready.
- Power supply maintains constant lamp power regardless of variations in AC input or lamp voltages, provides stable light output, repeatable cure times, and long lamp life.
- Safety interlocks: shutter closes automatically if the light guide is removed, power is disconnected if the lamp cover is removed.
- Light guide lock prevents accidental pull-out, provides for multi-pole guide balancing.

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All specifications contained herein are preliminary and subject to change without notice