



The PortaRay is a portable, handheld light curing system. Because of its versatility, it can handle a variety of UV and visible curing applications. With an effective curing area of up to 5 x 5", it is ideal for curing small parts. The system is available either as lamp head only, or with an optional latched bottom accessories box. The lamp head can be used for handheld curing operations, or it can be mounted to a stand, conveyor, machine, fixture or robot. Due to its simple yet high-tech design, the PortaRay is extremely user-friendly and reliable, requiring virtually no learning curve or setup time. Weighing in at 3¼ pounds, the system is ideal for curing applications where frequent transportation is involved.

FEATURES

+ Fully integrated lamp head curing system

The hand-held 3¼ pound lamp head contains a long life 400 or 600 Watt metal halide type lamp, which emits evenly distributed UVA, UVB or visible light. Typical lamp life is 2000 hours. The lamp reflector is available as either a parabolic 5" x 5" type for uniform flooding of large areas, or as a focused 5" x 3" type for concentrating maximum intensity onto smaller spots.



+ Lamp power regulation

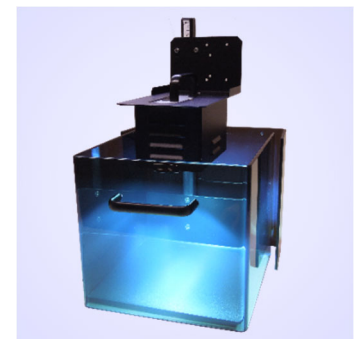
The system's switch mode power supply maintains constant lamp power regardless of variations in AC line input or lamp voltages. This regulation provides for repeatable curing times and longer lamp life.

+ Standby mode

The unit features a standby mode rocker switch, which reduces lamp power while idling. This mode can be used to reduce heat and stray UV light output while the system is not in use.

+ Mounting Options

The system includes an enclosed headrest with optional drawer for holding the lamp head during idle periods. A stand and front and rear shields are available for 360 degree light shielding.



+ Forced air cooling

An integrated cooling fan in the lamp head insures cool operation and high system reliability.

+ Latching carrying configuration

The PortaRay is available with an optional accessories storage compartment that can be latched to the bottom of the lamp housing. This storage box can be used to house curing system accessories such as headrest, power cord, UV glasses, adhesive, etc.



SYSTEM CONFIGURATIONS

Cnfg	P/N	Lamp Power [Watts]	Input [Volts AC]	Reflector Type/(Area)	Irradiance mW/cm ² @ 3"	Bottom Acc Box	Headrest Type
1	UV2270 *	400	100 -120	Parabolic (5x5")	200	Head Only	Closed Rest
2	UV2272	400	100 -120	Focused (5x3")	240	Head Only	Closed Rest
3	UV2274	400	100 -120	Parabolic (5x5")	200	w/ Acc Box	Drawer Rest
4	UV1197 *	400	100 -120	Focused (5x3")	240	w/ Acc Box	Drawer Rest
5	UV2267 *	400	200 - 240	Parabolic (5x5")	200	Head Only	Closed Rest
6	UV2269	400	200 - 240	Focused (5x3")	240	Head Only	Closed Rest
7	UV2273	400	200 - 240	Parabolic (5x5")	200	w/ Acc Box	Drawer Rest
8	UV1198 *	400	200 - 240	Focused (5x3")	240	w/ Acc Box	Drawer Rest
9	UV2265	600	100 -120	Parabolic (5x5")	270	Head Only	Closed Rest
10	UV2266	600	100 -120	Focused (5x3")	310	Head Only	Closed Rest
11	UV2258	600	200 - 240	Parabolic (5x5")	270	Head Only	Closed Rest
12	UV2264	600	200 - 240	Focused (5x3")	310	Head Only	Closed Rest
Dimensions		L x W x H (inches)		8" x 5" x 6" (lamp head only)		8" x 5" x 16.5" (w/ acc. box)	
		Weight (pounds)		3.25 lbs. (lamp head only)		6 lbs. (w/ acc. box)	
		Max Chamber Part Size		4.25" x 4.25" x 2"		In drawer type headrest	

* Stocked configurations, all others are special order