

## Portable, Handheld UV Flood Curing System

The PortaRay is a handheld light curing system that offers portability and versatility for a range of UV and visible curing applications. With its effective curing area reaching up to 5 x 5 inches, it's well-suited for small parts curing. The system is available in two configurations - solely as a lamp head, or accompanied by an optional latched bottom accessories box. The lamp head can be employed for handheld operations, or it can be mounted to various setups, such as a stand, conveyor, machine, fixture, or robot. Boasting a straightforward yet technologically advanced design, the PortaRay is remarkably user-friendly and dependable. It demands almost no setup time or learning curve from the user. At a lightweight 6 pounds, it's an excellent choice for curing applications that necessitate frequent system relocation.



## Features



### Fully Integrated Lamp Head

The hand-held 3.5lb 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. Lamp reflector available as a parabolic 5" x 5" type or as a focused 5" x 3" type.

### 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.

### Ideal for Small Part Curing

Boasts an effective curing area of up to 5 x 5 inches. This attribute, along with its flexibility and ease of use, makes it particularly suitable for small parts curing. Thus, whether for intricate electronic components, delicate jewelry pieces, or various other applications, the PortaRay emerges as the go-to solution for small part curing tasks.



## Dimensions & Specs

- **System Type:** Portable Flood Curing System
- **Part #s:** UV2270; UV2267; UV2265; UV2258
- **Lamp Power:** 400W; 600W
- **Input Voltage:** 100-120 / 200-240 AC ±10% (auto-ranging)
- **Input Current (Max @ 120/240V):** 7.0A/3.5A; 10.0A/5.0A
- **UVA Intensity @ 3":** 200-270mw/cm2
- **Curing Area:** Parabolic 5 x 5", Focused 5 x 3"
- **Weight:** 3.15lbs (head only), 6lbs (with Acc. box)
- **Size (L x W x H):** 8 x 5 x 6" (head only), 8 x 5 x 16.5" (with Acc. box)

## PortaRay System Configurations

PART	Input (VAC)	Lamp Power (W)	Reflector Type	UVA Intensity (mw/cm2 @ 3")	Optional Acc. Box & Drawer Headrest
UV2270	120	400	Parabolic	200	Head Only, Closed Rest
UV2267	240	400	Parabolic	200	Head Only, Closed Rest
UV2272	120	400	Focused	240	Head Only, Closed Rest
UV2269	240	400	Focused	240	Head Only, Closed Rest
UV2274	120	400	Parabolic	200	w/ Accessory Box, Drawer Rest
UV2273	240	400	Parabolic	200	w/ Accessory Box, Drawer Rest
UV1197	120	400	Focused	240	w/ Accessory Box, Drawer Rest
UV1198	240	400	Focused	240	w/ Accessory Box, Drawer Rest
UV2265	120	600	Parabolic	270	Head Only, Closed Rest
UV2258	240	600	Parabolic	270	Head Only, Closed Rest

## Accessories

PART	Item	Details
UV3103	PortaRay Stand & Shield Assembly	Includes stand , front shield, rear shield & PortaRay mounting bracket
UV1729	PortaRay Mounting Bracket Kit	Mounting bracket, flood bracket, knob, measurement tape & hardware
UV0454	Adjustable Height Flood Stand	Used with PortaRay & PortaRay mounting bracket for bench top curing
UV0455	Wrap-around UV Shield	Provides basic UV shielding
UV1094	Rear UV Shield	Supplemental rear protection for blocking low level backside UV light
Multiple	Power Cords	Multiple types available
UV4270	PortaRay Carrying Case	24 x 17 x 10"
UV1450-XX	Uvicure Plus II Integrating Radiometer	UVA, UVB or Visible spectral ranges (available in multiple ranges)
UV1422	UV Protective Gloves	Cotton Knit Work Gloves for UV light shielding
UV4783	UV/IR Protective Safety Glasses	Sleek OTG (fit over prescription eyewear), 5.0 shade
UV2232	UV/IR Protective Safety Glasses	Sport contour, 5.0 shade
UV1890	UV Protective Face Shield	Lift-up face shield ideal for maximum protection, w/ darker 5.0 shade

## Replacement Lamps

PART	Item	Details
UV0320	UVA Metal Halide Lamp	400W medium pressure
UV0544	UVB Enhanced Lamp	400W medium pressure
UV0489	Visible Metal Halide Lamp	400W medium pressure, 420nm
UV0545	Visible Metal Halide Lamp	400W medium pressure, 460nm
UV0834	UVA Metal Halide Lamp	600W medium pressure
UV1884	UVB Enhanced Lamp	600W medium pressure
UV1074	Visible Metal Halide Lamp	600W medium pressure, 420nm