

PORTA-RAY 400® UV Curing System

The *PORTA-RAY 400*® is a portable hand-held UV curing system. Because of its versatility, it can handle a variety of UV curing applications. With an effective curing width of 5" x 3", it is ideal for UV curing in applications where the part is so large, that curing-in-place is preferred over conveyor or bench-top flood curing. A removable head serves as a handheld curing lamp during operation. Due to its simple yet high-tech design, the *PORTA-RAY 400* is extremely user-friendly and reliable, requiring virtually no learning curve or setup time.



PORTA-RAY 400 lamp, curing chamber and carrying case



PORTA-RAY 400 lamp head used as a hand-held curing system



PORTA-RAY 400 lamp and carrying case



PORTA-RAY 400 full assembled for storage or transport

FEATURES	
Hand-held curing system	Fast and deep curing
Portable and light weight	Highest intensity in its class; up to 500 mW/cm ²
Rugged, field proven reliability	Large 5" x 3" curing area

BLAZE TECHNOLOGY PTE LTD

SPECIFICATIONS	
UV Output	500 mW/cm ² nominal 2" (5.1 cm) from base of lamp
Reflector	Focused-beam
Curing Area	5" x 3" @ the focal length (2" below lamp housing), 12.7 cm x 7.6 cm @ 5.1 cm
Standby Mode	A standby mode rocker switch reduces lamp power by 50%. This mode extends bulb life and reduces heat and stray light. Standby to Full Power requires 10 second warm-up.
Curing Chamber Maximum Part Size	4.25" x 4.25" x 2" (10.8 cm x 10.8 cm x 5.1 cm)
Power Supply	400 Watt solid state power supply provides consistent UV output regardless of voltage
Bulb	400 Watt metal halide (standard). Mercury or visible bulbs also available.
Cord Length	8' (2.5 M)
Dimensions	Lamp Head: 7.5" x 4.5" x 4.25" (19 cm x 11.4 cm x 10.8 cm) Fully Assembled: 8" x 5" x 16.5" (20.3 cm x 12.7 cm x 41.9 cm)
Warm-Up Time	1 to 2 minutes
Cool-Down Time	5 minutes (lamp protection prevents re-start of hot lamp)
Weight	Lamp Head: 3.5 lbs. (1.6 Kg) Entire System: 6 lbs. (2.7 Kg)
Cooling	Integrated cooling fans in the lamp head
System Warranty	1 year from purchase
Bulb Warranty	1,000 hours (ignition)
Replacement Bulb Part Numbers	
<i>Metal Halide (standard)</i>	38560
<i>Mercury (shortwave)</i>	36970
<i>Visible</i>	36658
<i>Porta-Ray 400®</i> Part Numbers	
<i>North American Version (100-120 V)</i>	39639
<i>International Version 200-240 V)</i>	39640

FREE DYMAX EQUIPMENT EVALUATION

Contact your DYMAX representative to initiate rental of DYMAX UV curing equipment. The highlights of the DYMAX Trial Rental/Lease program are:

- ❖ *Two (2) weeks free evaluation and 3% per week thereafter*
- ❖ *Eight (8) weeks of rental fees are deducted from the price at purchase*
- ❖ *50% of additional rental fees are deducted*
- ❖ *Customer pays shipping both ways*

For further assistance with adhesive and equipment selection, contact your DYMAX Technical Service Representative.

In the U.S. Call: 1.877.396.2988
 In North and South America Call: 860.482.1010
 In Europe Call: 0049.69.7165.3568
 In Asia Call: 852.2460.7038

www.dymax.com

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Please note that most dispensing and curing system applications are unique. DYMAX does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in DYMAX's standard Conditions of Sale. DYMAX recommends that any intended application be evaluated and tested by the user to insure that desired performance criteria are satisfied. DYMAX is willing to assist users in their performance testing and evaluation by offering equipment trial rental and leasing programs to assist in such testing and evaluation. Data sheets are available for valve controllers or pressure pots upon request. LIT172 12/8/2006

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