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Find the *Dymax Light-Welder PC-3D* at our website: ***Click HERE***

Accessories For All Your Curing Needs

Bulbs • Eye Protection • Liquid Lightguides • Radiometers



Light Guide Simulator



Faceshield



Goggles

Lightguide Type	Used With	Part Number
Single Wand 1 m long x 5 mm diameter (standard)	PC-3, PC-3D, PC-3 Ultra **BlueWave 200™**	35102 **5720**
Single Wand .5 m long x 5 mm diameter	PC-3, PC-3D, PC-3 Ultra	35101
Single Wand 1 m long x 8 mm diameter	**BlueWave 200™**	**5722**
Single Pole Wand 1.5 m long x 5 mm diameter	PC-3, PC-3D, PC-3 Ultra **BlueWave 200™**	36238 **5721**
Single Pole Wand 1 m long x 3 mm diameter	PC-3, PC-3D, PC-3 Ultra	36619
2 Pole Split Wand 1 m long x 3 mm diameter (each pole)	PC-3, PC-3D, PC-3 Ultra **BlueWave 200™**	37043 **38476**
3 Pole Split Wand 1 m long x 3 mm diameter (each pole)	PC-3, PC-3D, PC-3 Ultra **BlueWave™**	37044 **38477**
4 Pole Split Wand 1 m long x 3 mm diameter (each pole)	**BlueWave 200™**	**38478**
Anti Static Wand 1 m long x 5 mm diameter	PC-3, PC-3D, PC-3 Ultra	37040

Quartz and custom lightquides are available upon request



ACCU-CAL 30™ Radiometer for Measuring Lightguide Intensity



ACCU-CAL 20™ Radiometer for Measuring Lightguide Intensity

If you are looking for a solution to your application problem,
call the Dymax Tech Center toll free at:
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LIT230 Rev. 12/2001

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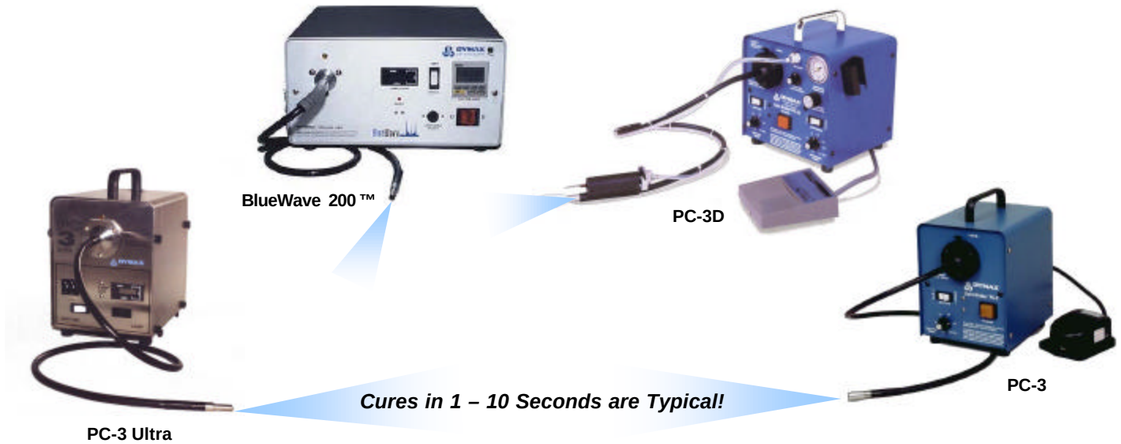
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High Intensity UV/Visible Spot Lamps

A Choice of Features, Intensities and Cure Speeds for a Cost Effective UV Process



- Up to 20,000 mW/cm^2 intensity
- Wand lamp/dispenser combinations
- 2, 3 or 4 split wand configurations
- Cool Blue Light Filters™ extend wand life
- Each lamp comes complete with light-guide, foot pedal and bulb reflector assembly
- PC-3 series lamps include free 1 m light guide
- 50 or 200 Watt bulbs
- Stainless steel and anodized aluminum available
- Non ozone producing
- Hour meters
- Light monitors
- Flexible, quick connect light guides
- Foot and automatic controlled shutters

Durable, Reliable and Proven Performers

Cool Blue Light Filter™ Virtually Eliminates Liquid Light Guide Degradation!

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DYMAX UV/Visible Light Curing Spot Lamps

Lamp Specifications and Features



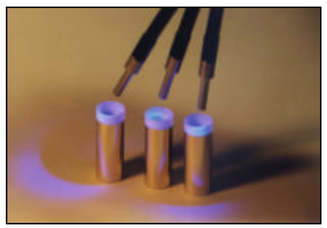




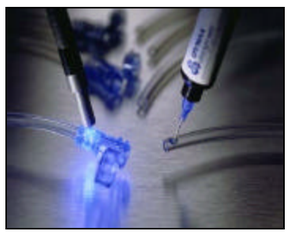
Light Source	BlueWave 200™ High Intensity UV Spot Lamp	PC-3 Ultra Higher Intensity UV Spot Lamp	PC-3 & PC-3D Medium Intensity UV Spot Lamp
Output Power	200 Watt EMARC™**	50 Watt	50 Watt
Intensity in the UVA Range (320-390 nm*)	17-20,000 mW/cm^2	4,000 mW/cm^2	2,000 mW/cm^2
Dimensions of Illuminated Area (standard 5 mm guide)	Up to 2-1/2" in diameter	Up to .50" in diameter	Up to .50" in diameter
Input Power Requirements	90-130 VAC @ 50/60 Hz or 180-206 VAC@	100/115/230V @ 50/60 Hz (customer specified)	100/115/230 VAC@ 50/60 Hz (customer specified)
Weight	11.7 lbs. (17.5 kg)	10 lb. (4.54 kg)	PC-3: 10 lbs. (4.54.kg)
Liquid Light Guides Internal Filter	1 m long x 5 mm diameter (1.5 m long-optional) Cool Blue Light Filter™	1 m long x 5 mm diameter (0.5 m & 1.5 m long-optional) Cool Blue Light Filter™	1 m long x 5 mm diameter (0.5 m and 1.5 m long-optional) Yes
Overall Dimensions (H X W X D)	11.5" x 11.5" x 6.5" (29.2 cm x 29.2 cm x 16.5 cm)	9.75" x 6.5" x 7.5" (25 cm x 16 cm x 19 cm)	9.75" x 6.5" x 7.5" (25 cm x 16 cm x 19 cm)
Timer Operated Shutter	0.1 to 99.99 seconds	Foot operated shutter included; "Lamp On" indicator light	0-50 seconds with analog timer (Model 35350)
Hour Meter	Yes	Yes	Yes
Construction	Anodized Aluminum	Stainless Steel	Painted
Part Numbers	90-130V, 50/60 Hz: 38600 180-260V, 50/60 Hz: 38605	115V 50/60 Hz: 37100 230V 50/60 Hz: 37130	**PC-3:** 115V 50/60 Hz: 35350 230V 50/60 Hz: 35936 **PC-3D:** 115V 50/60 Hz: 35390 230V 50/60 Hz: 35955
Part Number for Replacement Bulb: (pre-focused lamp reflector assembly included)	38465	37123	35003

*Intensity readings vary widely depending on make and model of radiometer. These intensities were measured with the DYMAX ACCU-CAL 20 Radiometer.

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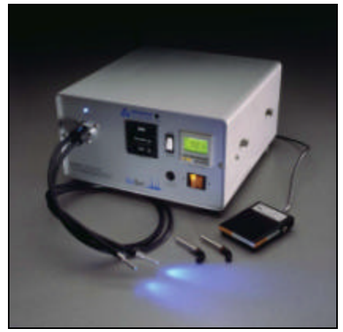
Trifurcated Liquid Lightguide Curing Plastic to Metal Application



Curing Tube Sets



PC-3 Curing Coating



BlueWave™ 200 Spot Lamp with Bifurcated Wand

BlueWave Offers Higher Intensity with a Choice of Single or Split Wands to Become 2, 3 or 4 Work Stations!

- 200 Watts of UV/visible light curing power!
- 2,000 hours of bulb life!
- Up to 20,000+ mW/cm^2 of intensity!
- Uniform curing with multiple light guides!
- Cure an area up to two inches in diameter!

The BlueWave™ is the highest intensity UV curing spot light available for fast, deep curing of UV adhesives, coatings and potting materials. Because of the high intensity, it can deliver ***4 times the useful bulb life*** of other popular spot/wand lights. The BlueWave™ has enough power to make multiple wand cures practical!

Single and Multi-Wand Liquid Light Guide Performance of BlueWave™ 200 Compared with Leading 100 Watt Spot Lamp

Number of Wands	BlueWave™ 200		100 Watt Spot	
	Initial Intensity (W/cm^2)	2,000 Hours (W/cm^2)	Initial Intensity (W/cm^2)	2,000 Hours (W/cm^2)
Lightguide Simulator *(120 mm rigid wand)*	18	12	12.9	3.8
Single*	16	10.8	11.6	3.5
Double*	9.5	6.0	6.0	1.9
Triple*	8	4.5	5.0	1.4
Quad*	5	3.0	3.5	.95

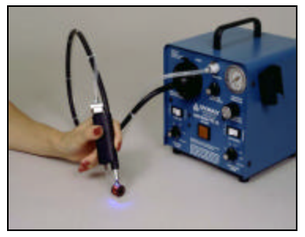
*measured with standard 5 mm x 1000 mm lightguide in W/cm^2

PC-3D Spot-Light Dispenser Combination Allows a Single Operator to Dispense and Cure Adhesive

PC-3D Specifications

- Same Features as PC-3
- Dimensions: 9.5" L x 8.25" W x 10.5" H (Height dimensions include 1.5" high handle)
- Weight: 23 lbs.
- 1 m L x 5 mm Diameter Lightguide
- Accepts Standard 10 and 30 cc Syringes
- Shutter Timer Range: .5 to 60 seconds
- Dispenser Timer Range: .5 to 3 seconds
- Manual or Timed Modes Provided for Shutter and Adhesive Dispensing
- Adjustable Vacuum Draw Back
- 0 to 120 psi Pressure Regulator with Dial Gauge
- Power Cord: 6 foot grounded

Power requirements: 120/230 VAC, 3/1.5 AMP max current draw, 60-80 psi clean shop air required.



PC-3D Coil Terminating



PC-3D Curing Printed Circuit Board

DYMAX UV/Visible Light Curing Spot Lamps

Lamp Specifications and Features



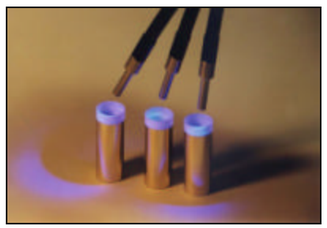




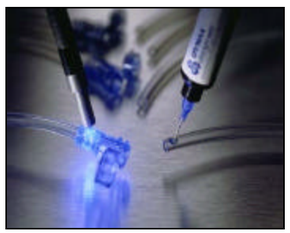
Light Source	BlueWave 200™ High Intensity UV Spot Lamp	PC-3 Ultra Higher Intensity UV Spot Lamp	PC-3 & PC-3D Medium Intensity UV Spot Lamp
Output Power	200 Watt EMARC™**	50 Watt	50 Watt
Intensity in the UVA Range (320-390 nm*)	17-20,000 mW/cm^2	4,000 mW/cm^2	2,000 mW/cm^2
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Hour Meter	Yes	Yes	Yes
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Part Number for Replacement Bulb: (pre-focused lamp reflector assembly included)	38465	37123	35003

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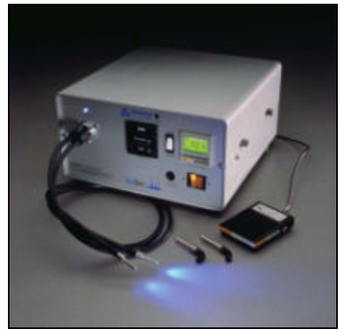
Trifurcated Liquid Lightguide Curing Plastic to Metal Application



Curing Tube Sets



PC-3 Curing Coating



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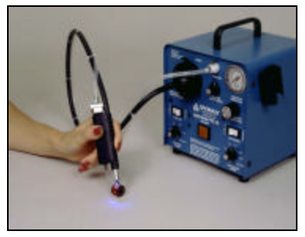
*measured with standard 5 mm x 1000 mm lightguide in W/cm^2

PC-3D Spot-Light Dispenser Combination Allows a Single Operator to Dispense and Cure Adhesive

PC-3D Specifications

- Same Features as PC-3
- Dimensions: 9.5" L x 8.25" W x 10.5" H (Height dimensions include 1.5" high handle)
- Weight: 23 lbs.
- 1 m L x 5 mm Diameter Lightguide
- Accepts Standard 10 and 30 cc Syringes
- Shutter Timer Range: .5 to 60 seconds
- Dispenser Timer Range: .5 to 3 seconds
- Manual or Timed Modes Provided for Shutter and Adhesive Dispensing
- Adjustable Vacuum Draw Back
- 0 to 120 psi Pressure Regulator with Dial Gauge
- Power Cord: 6 foot grounded

Power requirements: 120/230 VAC, 3/1.5 AMP max current draw, 60-80 psi clean shop air required.



PC-3D Coil Terminating



PC-3D Curing Printed Circuit Board

Accessories For All Your Curing Needs

Bulbs • Eye Protection • Liquid Lightguides • Radiometers



Light Guide Simulator



Faceshield



Goggles

Lightguide Type	Used With	Part Number
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Single Wand .5 m long x 5 mm diameter	PC-3, PC-3D, PC-3 Ultra	35101
Single Wand 1 m long x 8 mm diameter	**BlueWave 200™**	**5722**
Single Pole Wand 1.5 m long x 5 mm diameter	PC-3, PC-3D, PC-3 Ultra **BlueWave 200™**	36238 **5721**
Single Pole Wand 1 m long x 3 mm diameter	PC-3, PC-3D, PC-3 Ultra	36619
2 Pole Split Wand 1 m long x 3 mm diameter (each pole)	PC-3, PC-3D, PC-3 Ultra **BlueWave 200™**	37043 **38476**
3 Pole Split Wand 1 m long x 3 mm diameter (each pole)	PC-3, PC-3D, PC-3 Ultra **BlueWave™**	37044 **38477**
4 Pole Split Wand 1 m long x 3 mm diameter (each pole)	**BlueWave 200™**	**38478**
Anti Static Wand 1 m long x 5 mm diameter	PC-3, PC-3D, PC-3 Ultra	37040

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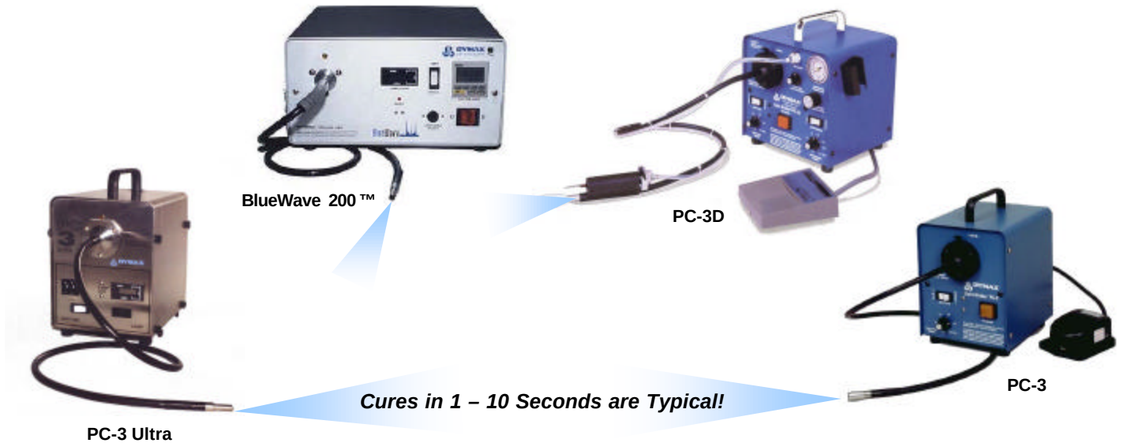
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