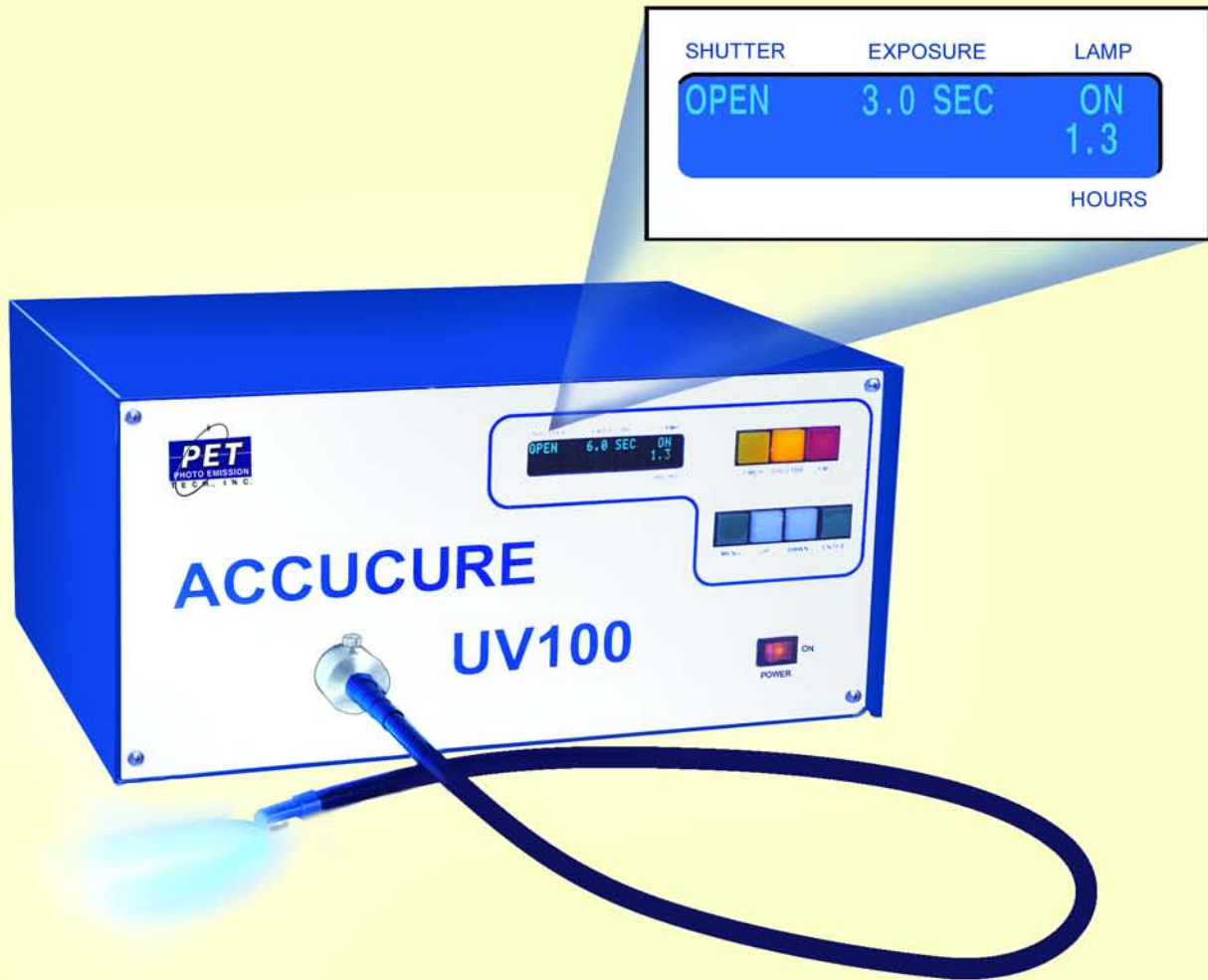


# UV Curing System



- **Micro-processor controlled / host computer interface**
- **Best price performance**
- **Easily replaceable pre-aligned lamp module**
- **Up to 25 programmable on-off exposure cycles**
- **Programmable precise dose delivery mode**
- ***Two (2) years warranty (excludes light guide and lamp module)***

# ACCUCURE™ UV100 SPOT CURING SYSTEM

## Microprocessor Controlled State-of-the-art Curing System

### FEATURES:

- Vacuum fluorescent display - 2 line X 20 character
- Seven (7) push buttons for operator control
- Messages include :
  - Monitor Lamp Intensity
  - Replace Lamp
  - Cover Open
  - Temp. Over Range
- Manual or automated operation.
- RS-232 communication port (9-pin "D" connector) which allows a host computer to control and/or query the system.
- User interface options:
  - Programmable precise dose delivery mode.
  - Set exposure time.
  - Program/Run exposure cycle.
  - Set wake up time – system can be programmed to "wake-up" and turn the lamp on.
  - User defined lamp monitoring interval - a reminder to check and enter the intensity of the lamp to precisely control the exposure dose.
  - Reset lamp hours after replacing lamp.
  - Set date and time.

### SPECIFICATIONS:

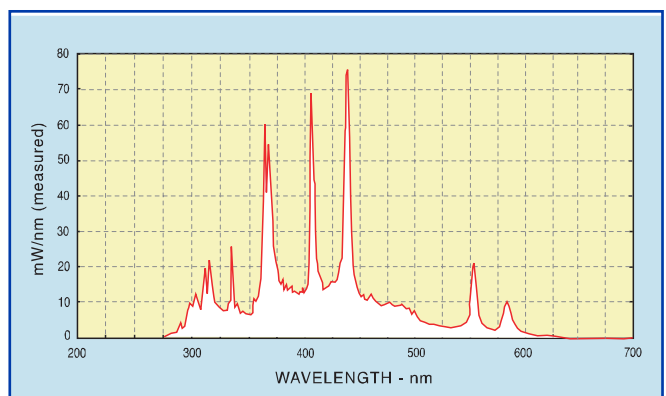
<b>Lamp:</b>	High pressure 100 Watt Mercury Vapor Short Arc.
<b>Lamp Life:</b>	1,000 hours (typical).
<b>Light Delivery:</b> A	flexible Liquid Filled Light Guide (other light guides optional).
<b>Output:</b>	> 7,500 mw/cm <sup>2</sup> (315-395nm; at the end of the light guide)
<b>Filters:</b>	None. Optional removable band pass filters available 250-450nm, 365nm, 320-390nm and 400-500nm.
<b>Power In:</b>	110 VAC (220 VAC optional).
<b>Power Supply:</b>	Constant Power, High efficiency switching power supply.
<b>Panel Controls:</b>	Lamp On/Off - Manual Shutter Activation – Start Timed Exposure - Set exposure time, 1 to 99.9 seconds.
<b>Remote:</b>	Shutter Control, Lamp On/Off, Host Computer Control via RS-232.
<b>Panel Display:</b>	Accumulated Lamp Usage - Digital Countdown Timer - Shutter and Lamp Status.
<b>Dimensions:</b>	15 3/4" Wide x 11" Deep x 8 1/4 " High.
<b>Weight:</b>	~ 26 Lbs.
<b>System includes:</b>	Control Unit, Lamp Module, Liquid Light Guide, Foot Switch, Safety Glasses, and Operating Manual.
<b>Warranty:</b>	Two (2) years on parts and labor (excludes light guide and lamp module).

### APPLICATIONS:

- Diode Pigtailling
- Lens Bonding
- Potting
- Strain Relief
- Optical Component Mounting
- Glass/Metal Bonding
- Fiber Bonding
- Component Marking

### ACCESSORIES:

- Bifurcated Liquid Light Guide
- Trifurcated Liquid Light Guide
- Multi-furcated Liquid Light Guide
- Small Area High Uniformity Exposure Lens (1" x 1" to 4" x 4")
- Single Core Quartz Rigid Light Guide
- Quartz Horizontal Linear Light Guide



LAMP SPECTRAL OUTPUT

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