

PRODUCT INFORMATION:
Electro-Cure Multi-Pole UV LED

Multi-Pole UV LED General Information

The Electro-Cure Multi-Pole UV LED Curing System operates 2, 3 or 4 high-powered UV LEDs to allow curing from several angles or different locations simultaneously. Each pole emits 2.5 Watts/cm² and can be incorporated into any X-Y motion control system, or similar fixture for automated production, and can be controlled via optional footswitch or computer signaling through a PLC.

UV output power can be set from 5%-100% to give the exact amount of power required for the curing process. LED life is 20,000 hours and the output does not degrade so the process remains constant over time.

No lamps to replace or light guides to degrade - Zero cost of ownership!

Multi-Pole UV LED shown with 4 Poles:



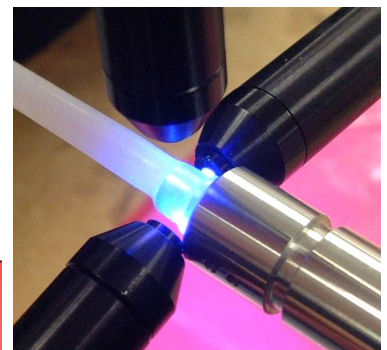
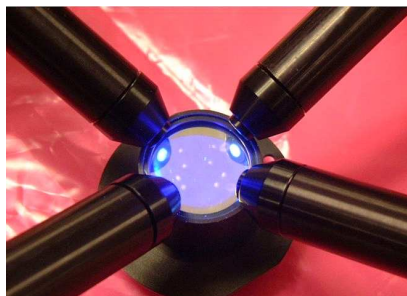
Specifications:

- Input Voltage:
 - 100-120V AC, 60Hz
 - 220-240V AC, 50Hz
- Optical Output: 2.5 Watts/cm² / Pole
- UV LED Poles: 2-4, 20,000 hrs ea.
- UV set point: 5% to 100%
- Timer: 1 to 180 seconds in 10 second intervals
- On/Off: Panel, foot pedal, or remote
- Dimensions: 9 "D x 10 "W x 4 "H

Features:

- Programmable/Digital timer
- Powerful 2.5 Watts/cm² UV LEDs
- 20,000 hour LED life
- No lamps or light guides to replace
- 2-4 poles operated simultaneously
- Controlled output power
- Optional footswitch or PLC operation

*Image below is an example
of lens setting using
4 poles:*



*Image above is an example of
catheter bonding using
3 poles.*