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Product Description Sheet Lamp Assembly and Power Supply

Part # 98004 208 VAC; 50/60 Hz.
Part # 98005 240 VAC; 50/60 Hz.

North American Engineering Center

PRODUCT DESCRIPTION

The Loctite® Lamp Assembly and Power Supply consists of a 6 inch Electrodeless “H” bulb and a state-of-the-art power supply. The lamp assembly has a rapid start and restart feature that eliminates a requirement for shutters and associated shutter mechanisms. The control board can be pulled out for easy service and component change. If any section of the UV curing system fails, a fault indicator array indicates the location of the failure. The output of the lamp is monitored to eliminate product scrap or loss. System can be selected for multiple power supply configurations so the master power supply can control others. Available in either 208 VAC or 240 VAC to match the electrical capabilities at the customer’s location.

PRODUCT FEATURES

- Electrodeless bulb technology provides high intensity output.
- This system is shipped standard with an “H” bulb, but will accept “D”, “V”, or “H+” bulbs to fine-tune the output.
- High UV output with low IR output results in less heat to the substrate.
- Rapid bulb change can be accomplished in minutes.
- Full cure width of 6 inches maintained throughout bulb life
- Power Supply incorporates an on/off/standby control.
- Designed for use with the Loctite® Zeta® 7415 UV Benchtop Conveyor, item # 98003 (sold separately).
- 5,000 hours of expected UV bulb life of the “H” bulb with proper handling and maintenance.

Technical Data

- Lamp Power: 300 w/inch – 1800 watts total
- Weight: Lamp Assembly: 30 lbs.
Power Supply: 68 lbs.
- Dimensions: Lamp Assembly: 6.7” L x 8.2” W x 20” H
Power Supply: 14” W x 7” H x 15.8” D
- Power Requirements: 18 amps, single phase.



The Lamp Assembly and Power Supply includes:

- Lamp Assembly and Power Supply
- Instruction Manual
- “H” Bulb – P/N 983470

Optional Accessories (not included):

- UV V Radiometer Dosimeter P/N 1265282
- UV A/B Radiometer Dosimeter P/N 1390323
- “D” Bulb – 300 WPI – P/N 983469
- “V” Bulb – 300 WPI – P/N 983471
- “H” Bulb – 300 WPI – P/N 983470
- RF Screen Kit for Lamp Assembly – P/N 983503
- Replacement Blower Filters (20 pack) – P/N 983505
- Radiometer Adapter With Filter P/N 1403403
- NOTE: The AC power cord to connect this unit to customer’s Electrical system is not included. Purchaser must supply their own power cord available from outside sources.

NOT FOR PRODUCT SPECIFICATIONS