



Miltec UV- The Power of Excellence.

QUALITY, RELIABILITY, PERFORMANCE.

MPI Microwave UV System

Part #:

Miltec P/N: MPI

Description:

Miltec UV's MPI microwave UV curing system uses electrode-less, long life UV bulbs and advanced, patented features to instantly cure UV inks, coatings, stains, and adhesives in a wide variety of applications. It performs to the most challenging demands in the market and is cost effective, easy-to-use and maintain, energy efficient, and eco-friendly. Fast, effective curing with outstanding heat management is delivered through advanced optics resulting in high peak irradiance. With the MPI UV System, manufacturers succeed in providing consistent quality products at fast line speeds with substantially lower operating and energy costs. Contact us to discuss which Miltec UV system is best suited for your application.

Benefits and Features:

- ▶ Efficient, effective curing with high peak irradiance
- ▶ Exceptional cooling for efficient curing and longer parts life
- ▶ Lower heat output for cooler substrate temperatures
- ▶ Robust housing to fit industrial production environments



- ▶ Easy maintenance and exceptional ongoing technical service
- ▶ Advanced easy operator interface

Applications:

- ▶ Optical Fiber
- ▶ Films
- ▶ Converting
- ▶ Medical
- ▶ Bottom Rim Coating for Beverage Cans
- ▶ Bottle and Cup Printing
- ▶ Plastics
- ▶ Automotive Headlights & Trim
- ▶ Semi-Conductor
- ▶ Electronics
- ▶ Wood Molding
- ▶ Printing Inks
- ▶ Coatings
- ▶ Research & Development
- ▶ Sporting Goods

Specifications:

MP-400 Power Supply Specifications

Primary Power Choices:

| | |
|--------------------------------|--|
| Standard Power Supply: | 240-480vac (60hz), 380-415vac (50hz) |
| CE Power Supply: | 380-480vac (60hz), 380-415vac (50hz) |
| Electrical Requirement: | At 480vac 60hz, L1-7A, L2-7A, L3-11A; At 400vac 50hz, L1-8A, L2-8A, L3-15A |
| Control Functions: | Power: On/OffLamp: On/Off/StandbyPower Select: Low/High |
| Remote Control Inputs: | Lamp On/Lamp Off/Low Power |
| Safety Interlock | System Blower/External |

This website uses cookies to improve your experience. We'll assume you're ok with this, but you can opt-out if you wish. [Cookie settings](#)

ACCEPT

| | |
|--|---|
| Outputs: | On/Low Power/Lamp On/Press Enable |
| Standard Power Supply Weight: | 160lbs. (72.6kg) |
| CE Power Supply Weight: | 143lbs. (65kg) |
| Standard Power Supply Dimensions: | 31.27 in L x 17.50 in W x 8.25 in H(794mm x 445 mm x 210mm) |
| CE Power Supply Dimensions: | 788mm x 433mm x 222mm |
| Standard Cable Lengths: | 2m, 3m, 4m, 5m, 6m, 8m, 11m, 14m, 16m, 17m, 21m, 26m, 31m, 38m |
| CE Certification: | MP-400 CE Only |

ML-400 Lamp Module Specifications

| | |
|----------------------------------|--|
| Weight: | 33.6 lbs (15.25kg) |
| Dimensions: | 10.52 in. W x 15.34 in. H x 8.88 in. D (267mm x 390mm x 226mm) |
| Material & Finish: | Brushed Stainless Steel |
| Optimum Focus: | 2.1" (53mm) with respect to the bottom of the housing |
| Air Cooling Requirements: | 250 SCFM @ 5.5- 7.0 inches W.C. (7.1 M ³ /min.@1370- |

This website uses cookies to improve your experience. We'll assume you're ok with this, but you can opt-out if you wish. [Cookie settings](#)

ACCEPT

| | | |
|-------------|--|--|
| | Reflector, Integral Cooling Blower, FM Back Reflector (for cable curing), Top Connector Lamp (ML-401), Fiber Optic Lamp (ML-406), Bulb Fills (H, H+, D, V) | |
| Cure Width: | 10 inches (254mm) | |

