



Miltec UV- The Power of Excellence.

QUALITY, RELIABILITY, PERFORMANCE.

MPI Web Cure UV Systems

Description:

Miltec UV's MPI Web Cure UV System is designed for continuous web applications and includes proper light shielding and easy product access for all lamp lengths. This model incorporates our MPI system for applications which can benefit from our microwave technology, notably those with a curing area wider than 50 inches (127 cm) or specialty web applications. It provides consistent curing of inks, coatings and adhesives while minimizing heat to the substrate.

One of the key benefits of using our web cure technology on wide web applications is its ability to maintain a constant high UV output across the entire web width. Traditional arc lamp systems require a reduction in the lamp power density as the lamp length grows (reduction in Watts/Inch). With our Web Cure UV system, a 100 inch wide web sees the same UV output as a 10 inch wide web. Additionally, specialty bulb types producing UV output in different UV ranges are no problem and easily interchangeable as needed with Miltec UV's Web Cure MPI UV system. This allows a wide range of flexibility to meet varying application requirements in production.

Contact us to discuss your application.

Benefits and Features:

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- ▶ Fast line speeds
- ▶ Constant power density at any length or width curing application while achieving uniform UV energy across the single row of modular lamps.
- ▶ Patented features with significant performance advantages
- ▶ Easy maintenance and exceptional ongoing technical service
- ▶ Easy retrofit to replace old equipment
- ▶ Made In USA

Applications Include:

- ▶ Silicone release coating
- ▶ Web printing
- ▶ Narrow web
- ▶ Wide web coating
- ▶ Plastic Film
- ▶ Window Film
- ▶ Paper printing
- ▶ Newspaper printing
- ▶ Web press

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/Standby/OffPower Select: Low/High
Remote control input:	Lamp On/Lamp Off/Low Power

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inputs:	Interlock
Relay outputs:	Filament On/HV 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 210 mm)
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. (15.25 kg)
Dimensions:	10.52 in. W x 15.34 in. H x 8.88 in. D (267mm x 390 mm x 226 mm)
Material and Finish:	Brushed Stainless Steel
Optimum focus:	2.1" (53mm) with respect to the bottom of the housing
Air Cooling	250 SCFM @ 5.5 –

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	M³/min.@1370-1740 Pascals)	
Options:	Cold mirror reflector, Integral Cooling Blower , Top Connector Lamp (ML-401), Bulb Fills (H, H+, D & V)	
Cure Width:	10 inches (254mm)	

