

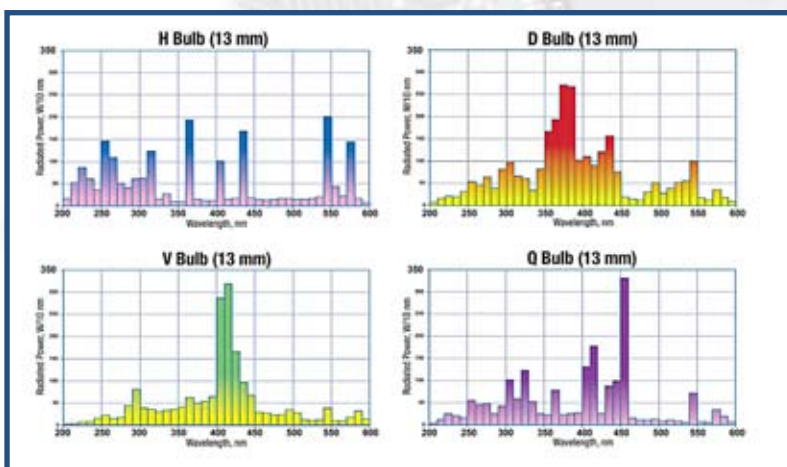
UV-500

UV Curing unit

Spectro UV curing unit

The Spectro UV curing unit is designed to cure chemicals by exposing them to UV light. It is a modular unit that enables you to handle products up to 500 x 600 mm. The base model is always the same but the unit can be equipped with different UV lights so that they can be adapted exactly to your requirements.

Because not all materials react on the same wave length of UV light, the UV sources are available with different power and wave lengths and have a standard width of 150 mm. When a width of more than 150 mm is required, more UV lights need to be installed side by side.

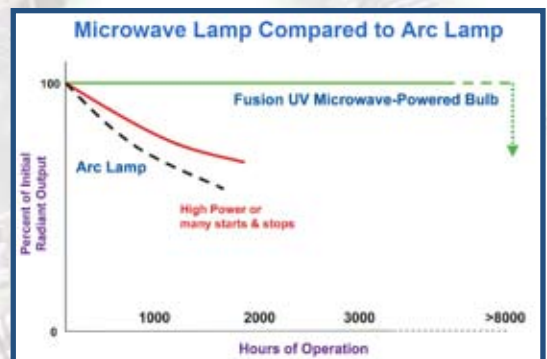


Power is speed

The DIMA UV curing units are equipped with Fusion microwave lamps who are known for their low heat generation and broad spectrum of UV light. The F300 unit deliver 120W/cm while the Light hammer delivers 240 W/cm. More watts per cm means more speed. Lights have a constant UV emission and only degrade short before failure. This guarantees a constant curing process with a minimum on calibration and maintenance cost. Lights are replaced within minutes.

Key features

- Modular system
- Constant UV emission
- Low heat generation
- Easy maintenance
- Adjustable focal height
- Broad UV spectrum
- World wide support
- Up to 8000 hours lifetime
- Ideal for UV curing conformal coating, glue and potting material
- Safety shutters on entrance and exit to avoid pollution of work environment with UV light



Spectro UV-500 series

Dimensions / Weight

1650L x 900W x 1270H / 200Kg

Conveyor

Board: 500 mm wide 600mm long, board edge conveyor, adjustable from 300mm - 2500mm per min.
Safety: Shutters on entrance and exit to avoid pollution of the work environment by UV light.

Controller

Microprocessor controller. Speed, shutters and UV on/off. (Some models UV intensity)

Cooling

Integrated extraction to remove the generated heat from the process tunnel

Power

Depending on type of unit and number of installed UV lights

Tunnel Length / Height

1650mm long 100 mm clearance on top and 100 mm clearance on bottom

Ordering information

UV-521 UV curing unit including 1 top 15 cm Fusion F300 UV D bulb
UV-5211 Extra 15 cm Fusion F300 UV D bulb (top or bottom)
UV-522 UV curing unit including 1 top 15 cm Fusion F300 UV H bulb
UV-5221 Extra 15 cm Fusion F300 UV H bulb (top or bottom)
UV-523 UV curing unit including 1 top 15 cm Fusion F300 UV Q bulb
UV-5231 Extra 15 cm Fusion F300 UV Q bulb (top or bottom)
UV-524 UV curing unit including 1 top 15 cm Fusion F300 UV V bulb
UV-5241 Extra 15 cm Fusion F300 UV V bulb (top or bottom)

UV-531 UV curing unit including 1 top 15 cm Fusion Light hammer D bulb
UV-5311 Extra 15 cm Fusion light hammer D bulb (top or bottom)
UV-532 UV curing unit including 1 top 15 cm Fusion Light hammer H bulb
UV-5321 Extra 15 cm Fusion light hammer H bulb (top or bottom)
UV-533 UV curing unit including 1 top 15 cm Fusion Light hammer Q bulb
UV-5331 Extra 15 cm Fusion light hammer Q bulb (top or bottom)
UV-534 UV curing unit including 1 top 15 cm Fusion Light hammer V bulb
UV-5341 Extra 15 cm Fusion light hammer V bulb (top or bottom)



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