

Dymax UVC-5 Light Curing Conveyor System, Benchttop UV Curing Lamp



Description

The **Dymax UVC-5 UV Light Curing Conveyor System** uses a high-intensity UV/visible light source for fast curing of adhesives, coatings and encapsulants. This cost-effective and versatile benchtop UV curing lamp is perfect for your lab or factory. It is a self-contained unit which fits on a bench and is powered from normal mains electricity.

The Dymax UVC-5 Conveyor System is equipped with a 120 mm wide Teflon[®] coated belt and one UV lamp. The lamp head is height adjustable on the belt, from ~15mm to a maximum of ~60mm (custom conveyors are available for larger objects). Curing time can be adjusted by changing the belt speed from 2 to 26 metres per minute. The intensity of up to 800 mW/cm² (UVA range) provides fast and complete cure for potting and conformal coating applications. The conveyor also features a counter to track hours of operation, an electric control unit located in the transportation device, and an air-cooled casing with an aluminium reflector for the bulb.

Features & Benefits

- Intensity up to 800 mW/cm²
- Controlled and consistent cure times
- Adjustable lamp-to-belt distance (15 to 60mm)
- Dependable, heavy duty conveyor design
- Fully shielded lamp enclosure
- Compact bench-top unit

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Specifications

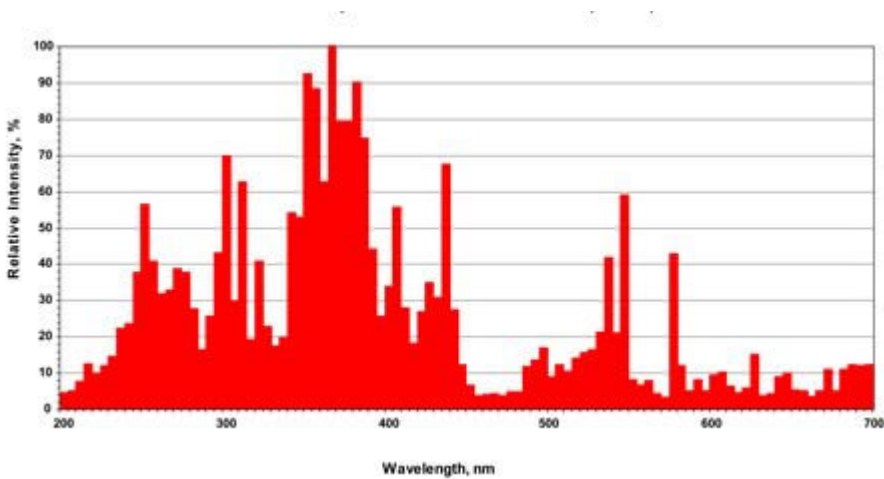
Specifications	
Light source	850 W or 800 W bulb
UV bulbs available	Metal halide (standard) Mercury
Power supply requirement	230V, 50 Hz, 5.9A (single phase)
Dimensions (approx)	Length: 700mm Height: 280mm Width: 330mm
Lamp height clearance (adjustable from bottom of the reflector housing to the top of the belt)	15mm to 60mm
Lamp type	Focused beam Focal length 40mm
Illuminated area	Length: 100mm Width: 120mm
Peak UVA intensity	800mW/cm ²

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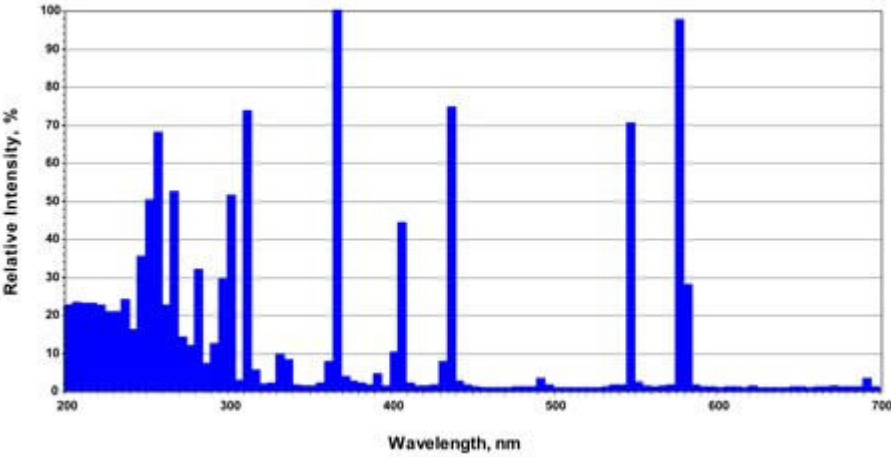
Specifications

Bulb life	Typical 1000 hours
Belt	Teflon® coated, fibreglass 5mm x 5mm mesh belt, 120mm wide
Belt speed	Adjustable 2 to 26 m/minute
Net weight	27 kg



UVC-5 FE bulb spectral distribution

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UVC-5 HG bulb spectral distribution

Ordering Information

Part number	Description
DYMUVC-5	DYMAX UVC-5 UV Curing Conveyor System – metal halide bulb

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Part number	Description
DYMUVC-5/HG	DYMAX UVC-5 UV Curing Conveyor System – mercury bulb
DYMUVC-5BULB/FE	DYMAX UVC-5 replacement bulb – metal halide
DYMUVC-5BULB/HG	DYMAX UVC-5 replacement bulb – mercury

Supplied by:

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