

UVC-5 UV Light-Curing Conveyor

CE Marked

The Dymax UVC-5 Conveyor is designed for curing UV/Visible light-curable adhesives, coatings, and inks in a variety of different industries. This system is ideal for curing smaller parts and can cure materials applied to a variety of substrates including paper, plastic, metal, glass, laminated materials, printed circuit boards, and many others.

The UVC-5 Conveyor is equipped with a 120-mm wide Teflon[®]-coated belt and one UV lamp. The distance between the lamp and the belt can be manually adjusted (between 15-60 mm) as can the belt speed (1-10 m/min). This enables the operator to tailor curing conditions to specific application requirements. 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 aluminum reflector for the bulb.

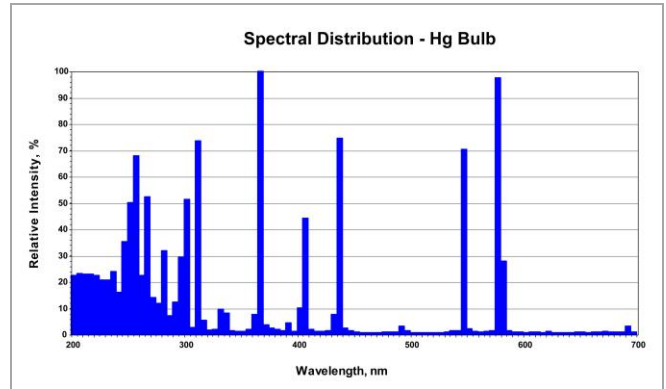
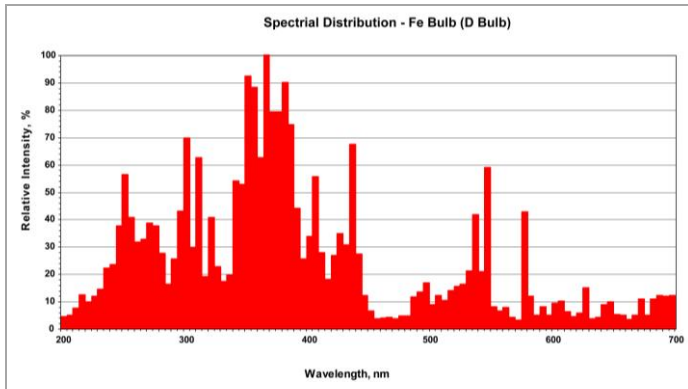


SPECIFICATIONS		
Electrical Requirements		230VAC / 50 Hz
Number of Lamps		1
Lamp Power		850 W / Fe (800 W / Hg)
Intensity		800 mW/cm ² (typical value of new bulb at 10-mm distance)*
Vertical Clearance		Adjustable 15-60 mm
Dimensions (W x L x H)		330 mm x 700 mm x 280 mm
Belt	<i>Belt Material</i>	Teflon [®] -coated fiberglass
	<i>Belt Width</i>	120 mm
	<i>Belt Speed</i>	Adjustable from 1-10 m/min
	<i>Vacuum Belt</i>	Yes
Bulb		Metal Halide (Fe) standard or Mercury (Hg) upon request
Net Weight		27 kg

* Measured with a Dymax ACCU-CAL[™] 50 Radiometer (320-395 nm)

FEATURES

Maintenance-free, Teflon®-coated belt with adjustable belt drive (1-10 m/min range)	Ideal for curing materials applied to a variety of substrates including glass, metal, plastic, printed circuit boards, and paper
Controlled and consistent cure times	Shielded lamp enclosures
Reliable, heavy-duty conveyor design	High Power lamp (800 or 850W)
Adjustable vertical clearance (15 - 60 mm)	Compact bench-top design
120-mm belt width	2 bulb options (Fe or Hg)



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