



UVC-5 Light-Curing Conveyor System

- Maintenance-free, PTFE non-stick coated belt with adjustable belt drive (2-26 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 (910 or 800 W)
- Adjustable vertical clearance (15 - 60 mm)
- Compact bench-top design
- 120-mm belt width
- 2 bulb options (Fe or Hg)

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 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 (2-26 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 5,9 A
Number of Lamps	1
Lamp Power	910 W / Fe (800 W / Hg) Full: 920 W Half: 450W
Intensity (UVA)	400 mW/cm ² at 60 mm
Vertical Clearance	Adjustable 15-60 mm
Dimensions (W x L x H)	369 mm x 700 mm x 299 mm
Belt Material	PTFE non-stick coated fiberglass
Belt Width	120 mm
Belt Speed	Adjustable from 2-26 m/min
Vacuum Belt	Yes
Bulb	Metal Halide (Fe) standard or Mercury (Hg) upon request
Net Weight	20 kg

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

