Our UV cure conveyorized systems provide production capabilities and intense ultraviolet energy for:

- Curing ultraviolet paints, inks, coatings
- Photoactivation of UV-sensitive adhesives
- Graphics arts exposure
- Color matching

These irradiation systems incorporate an elliptical-focused heat-sink reflector; six-inch, 300 W/in. curing lamp; vacuum hold-down and centrally located exhaust cooling fan. Lamp replacement is easy. Simply lift top cover of irradiator; the side extrusions and shielding remain stationary.

Our conveyor systems are constructed of enameled aluminum with a six-inch-wide, UV-resistant coated fiberglass belt. A solid-state variable-speed control enables operator to accurately adjust to cure slower UV adhesives, as well as fast-drying UV inks and coatings.

**TECHNICAL DATA**

- 2-100 FPM variable speed control with FPM indicator
- 6"-wide, UV-resistant coated fiberglass belt
- Vacuum hold-down
- Elapsed time indicator
- 6", 300 W/in. lamp
- Tri-power lamp switching (300, 200 and 150 W/in.)
- 8", 14/3 grounded electrical cord
- Plexiglas® light shields
- 120V, 60Hz, 20 Amps
- Extended size: 54"L x 31"W x 22"H; 125 lbs.
- Standard size: 36"L x 31"W x 22"H; 125 lbs.

**OPTIONS**

- 0-30 FPM variable-speed motor
- 0-200 FPM variable-speed motor
- 240V, 60Hz; 220V, 50Hz
- Smaller conveyor in-feed/out-feed
- 400 W/in. operation
- Parallel lamp configuration
- Metal halide additive lamp
- Electronic variable ballast
- Non-focused reflectors
- Adjustable lamp height
- Flood systems

American Ultraviolet Company
It’s all we do.

www.americanultraviolet.com

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LESCO CA DIVISION
23555 Telo Ave
Torrance, CA 90505
(800) 615-3726
(808) 615-3726
Fax: (310) 784-2929
VARIABLE-SPEED UV CURE CONVEYORIZED SYSTEM

**TECHNICAL DATA**

- **CURING SYSTEM:** Irradiator with cooling fans
  - 300 W/in. curing lamp
  - Tri-Power: 300, 200, 125 W/in.
  - (300 W/in. units) 208V, 220V, 440V-50/60Hz
- **Conveyor controls:**
  - 120V, 60Hz, 20 Amps
  - 220V, 50Hz, 8 Amps
- **Optical shielding**
- **Plexiglas® light shields**
- **Power supplies on casters**
- **UV-resistant fiberglass belt**
- **5-160 FPM variable speed control with FPM indicator**
- **29"-41" adjustable height**
- **4' long/width vacuum hold-down**
- **Emergency stops**

**OPTIONS**

- **Multiple lamp and length**
- **Over/under lamp systems**
- **Custom designs**
- **Germicidal lamps**
- **Ambient air-cooling chamber**
- **Infrared quartz filters**
- **Metal additive lamps/400W/in.**
- **Super-cool cooling feature**
- **Belt motion detectors**
- **Non-focused reflectors**
- **Air-conditioned systems**
- **Adjustable lamp heights**

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## MODEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SINGLE LAMP</th>
<th>DOUBLE LAMP</th>
<th>CONVEYOR WIDTH</th>
<th>CURE WIDTH</th>
<th>INPUT POWER</th>
<th>CONVEYOR LENGTH</th>
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1 Other sizes available—consult factory
2 Other voltages and frequencies available—consult factory
3 Optional extensions and lengths available—consult factory