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
VARIEABLE-SPEED UV CURE CONVEYORIZED SYSTEM

TECHNICAL DATA

- 10’-0” long/width per irrigator width
- CURING SYSTEM:
  Irrigator 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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CONVEYOR WIDTH</th>
<th>CURE WIDTH</th>
<th>INPUT POWER</th>
<th>CONVEYOR LENGTH</th>
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<tr>
<td>SINGLE LAMP</td>
<td>DOUBLE LAMP</td>
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<td>VOLTAGE/Hz</td>
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<td>88.5”</td>
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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