

**THE MODEL UVC-UL400  
CONVEYOR  
UV CURING SYSTEM**



No other conveyor brings quality, durability, reliability and performance to the market like Systematic Automation. The conveyor is designed for curing coatings, adhesives and inks. It features a curing system with a UV lamp delivering 400 watts per inch of curing power. Inside and out, Systematic Automation's conveyors are built to endure the most challenging work environments, providing lasting value and helping make your business a profitable one. Systematic Automation's rugged Teflon coated conveyor belts are made to withstand the rigors of daily heavy-duty use, whatever the demands of the job may require. Durability, reliability and purposeful design elements are all core features of every conveyor in the uncompromising Systematic Automation product line.

# MODEL UVC-UL400

## ENGINEERING FEATURES

- Long lamp life, very high output.
- Lamps have easy
- Revolutionary UV irradiator design. Proprietary specular mirror finish inserts that reflects 98% of ultraviolet energy.
- 100% made in USA.
- Tri-Power 200/300/400 watts per inch.
- Relay output provided for interface to other equipment.
- Adjustable variable speed AC motor control with digital readout in feet per minute.
- Teflon coated belt for longer life than conventional belts.
- Cooling air is drawn through unit by a blower to help prevent heat sensitive parts from warping or distorting.
- Unique modular design facilitates customization and provides service accessibility.

## STANDARD FEATURES

- Lamp has easy access for replacement.
- Touch screen for 12" (304 mm) lamps and up. Allows to set up, run, and monitor the equipment.
- Lamp height (entire shroud) is easily adjustable to allow parts up to 3.25" (83 mm) to enter.
- Rugged and reliable 400 WPI (watts per inch) power supply unit.
- Lamp mercury vapor is standard. Mercury vapor lamp with Iron additive (D type) and Gallium additive (V Type).
- Digital display of conveyor speed.
- Standard conveyor speeds 1-50 feet per minute. Other speeds available.
- Adjustable height, heavy-duty welded floor stand with adjustable legs.
- Variable vacuum hold down.

## OPTIONS

- Additional lamp height adjustment.
- Lamp height adjustment via handwheel.
- Any height, length, width.
- Quartz plate in front of irradiator.

## APPLICATIONS

- Inks
- Adhesives
- Coatings

Specifications	Model UVC-UL400
Maximum Lamp Output	400 watts per inch
Sizes Available	6" (152 mm), 12" (305 mm), 18" (457 mm), 25" (635 mm), 30" (762 mm)
Electrical Requirement	1 phase, 208-240 or 460-480 volts, 60 Hz. Others options available.
Cooling	Forced air cooling
Amperage	20/10 A (6" lamp), 30/15 A (12" lamp), 42/25 A (18" lamp), 60/30 A (24" lamp), 75/35 A (30" lamp)
Shipping Dimensions for 12" (304 mm) UV System (Length, Width, Height)	26" x 45" x 69" (660 x 1143 x 1753 mm)
Shipping Weight for 12" (304 mm) UV System	500 lbs. (226 kg.)



20 Executive Drive, Farmington, CT 06032

For immediate assistance:

Tel: 860-677-6400

Email: samail@systauto.com

Web: www.systauto.com

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