

# UV Conveyor 40 Dual Lamp Curing System

New from Uvitron International

The *Uvitron UV Conveyor 40* is a bench top or stand mounted light curing system, designed for laboratory or high volume production applications. The conveyor features a quiet variable speed motor, with a velocity regulating drive that keeps the belt speed constant for varying loads. The system can be configured with single or dual high intensity lamp heads, which can be removed and reconfigured as stand mounted systems for increased versatility. The belt-to-lamp height can be easily adjusted from 1.5 to 5 inches, for improved compatibility with varying part sizes.



## FEATURES

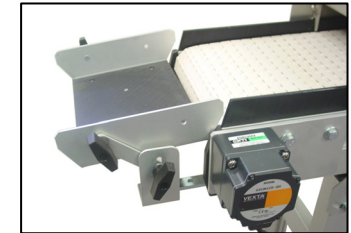
- **Adjustable Lamp Height**

Foldaway end covers provide quick access to height adjustment pins, which provide perfectly repeatable settings of lamp head to belt distance.



- **Adjustable End Chute**

The system has an adjustable position end chute for accumulating cured parts as they exit the conveyor.



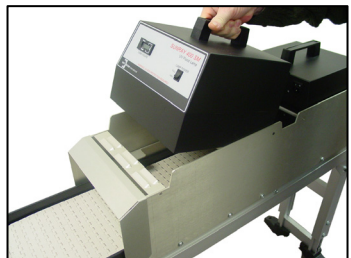
- **Exhaust Port**

The light chamber has a top-mounted 3" diameter port, for optional venting to facility exhaust systems.



- **Digital Speed Readout & E-stop Switch**

A digital rate meter accurately displays the conveyor's belt speed in feet per minute, allowing for repeatable curing time settings. An emergency stop switch provides for quick and safe shutdown of conveyor and lamps.



- **Removable Lamp heads**

The system's dual lamp heads can be easily removed for bulb replacement and maintenance. The lamp heads can also be moved quickly from the conveyor to optional low cost shielded mounting stands. This feature allows for offline engineering process testing, and maximum equipment utilization.

- **Optional Conveyor Stands and Accessories**

The New product line from Uvitron International  
**UV Curing Systems that Bond Adhesives in Seconds!**

**SUNSPOT SM Spot Curing System**



- Highest UVA intensity per lamp power
- Two-stage filter provides coolest light output for temperature sensitive applications.
- Solid-state/ constant lamp power
- Foot pedal or PLC shutter control
- Smallest size & weight in its class
- Quick-change, long life lamp
- Dual wand compatible

**INTELLIRAY 600 Full-Featured Flood**



- Microprocessor control of time & intensity
- Integrated exposure shutter
- Remote control & reporting via PC or PLC
- High intensity/ large curing area
- Solid-state/ constant power regulated
- Foot pedal control for hands-free operation
- Optional Rayven fully enclosed curing oven

**SUNRAY 400 Economical Flood**



- High intensity/ large curing area
- Solid-state/ constant power regulated
- Auto-ranging AC power input
- Standby power switch
- Lamp hour meter
- Conveyor compatible
- Low cost
- Optional UV shield & mounting stand
- Available with UVA, UVB & visible spectrum lamps

**PORTA-RAY 400 Curing System**



- Portable/ solid-state/ lightweight
- Rugged, field proven reliability
- Fast & deep curing
- Highest intensity in its class: 500mW/cm<sup>2</sup>
- Flood curing of large areas
- Standby power switch
- Includes curing chamber with drawer

**Uvitron International** is an experienced manufacturer of ultraviolet and visible light curing systems. Since 1993, Uvitron has been an OEM supplier of UV curing equipment and subsystems to the industry's largest UV adhesive manufacturers. All systems are designed in-house, with a staff of technical specialists available to support our customer's needs. With performance and low cost as primary design considerations, Uvitron systems are the best values available in the industry.

This brochure shows some of our more popular systems. Feel free to contact us by phone, fax or email for more information on Uvitron equipment, and on how we can help you with your curing application.



Uvitron International, Inc.  
 West Springfield, Massachusetts USA  
 (413) 731-7835, Fax (413) 731-7767  
 Email: [info@uvitron.com](mailto:info@uvitron.com)