

ACCU-CURE UV LED™

Curing System



AWTWorldTrade



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AWTWorldTrade



THE LATEST IN UV INK CURING TECHNOLOGY



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A Division of the AWT World Trade Group

ACCU-CURE UV LED™

Curing System

ADVANTAGES

- Most reliable UVLED curing system in the industry
- Low maintenance – change air filter and clean lens
- LED monitoring technology adjusts LEDs to maintain consistent UV output
- Mercury-free, ozone-free sustainable energy “no VOC” clean carbon footprint
- 50-70% reduction of energy consumption and costs
- No IR, negligible heat
- Easily adjustable UV-intensity
- Superior uniformity of cure compared to arc-style Lamps
- Light-beam sheet detector technology
- Standard 395 nm wavelength; other variations are available
- Internal safety features and alarms protect equipment and material
- Greater penetration and depth of cure increases adhesion
- Optimal curing – faster speeds and with thicker coverage
- Especially good with black and white inks - higher opacity levels
- Outside venting not required
- Long-lasting lamps – Mercury lasts 1,000 hours, UV LED last in excess of 35,000 – 55,000 hours under proper curing conditions
- Replacement lamps no longer required
- Instant curing – UV LED provides instant on and off, Mercury takes time to warm up and cool down

The Accu-Cure™ UV LED Curing System from AWT World Trade utilizes the latest UV LED technology to deliver a state-of-the-art Ultra Violet curing system that consumes less power than standard UV dryers, increases output, and enhances workplace safety.

Featuring touchscreen controls, a durable Fiberlon™ conveyor belt, and AWT's exclusive Belt-Tracking System™, the Accu-Cure UV LED operates at significantly lower temperatures than other UV dryers, consuming less energy. The system produces no ozone, so it requires no outside venting, and the lower operating temperature means that

the Accu-Cure UV LED can be cooled with untreated ambient air.

The standard vacuum holddown system keeps lightweight substrates in place during operation, and the curing head is repositionable for user convenience. The height of the curing head can be adjusted to accommodate substrates of various thicknesses. Specially-designed, adjustable light shields protect operators from incidental exposure to UV light.

See a Return on Investment (ROI) in less than 2 years!

ENERGY EFFICIENT • FASTER SPEEDS LOWER COSTS

Instant on/off feature to save energy • Cool Curing • Ozone Free • Extends Parts Life

Standard Features

- Produces almost no heat unlike traditional Mercury lamps
- Less shrinkage - allows printing of thinner materials
- Low maintenance – needs just lens cleaning and filter replacements; Mercury vapor lamps requires reflector cleaning and bulb replacement
- Curing consistency – Mercury lamps start to degrade immediately; LEDs only degrades less than 10% after 20,000+ hours
- Variable conveyor speed standard - 15' (4.57m) to 115' (35m) per minute

Options & Accessories

- Intelli-Guard synchronizes power settings between your press and Accu-Cure Dryer
- Light shielding for operator safety
- Overheat detection at conveyor belt
- Additional open conveyor lengths, per foot



Easy-to-use Touchscreen provides easy operator control.



LEDS turn on/off automatically with sheet sensors.



Specifications

CAT. NO.	DESCRIPTION	CURING WIDTH	CONVEYOR LENGTH	ELECTRICAL*	NM OUTPUT WAVELENGTH
ACS-12UVLED	12" Single Lamp Complete UV LED Curing System	12" (30cm)	5' (152cm)	230V, 1PH, 60HZ	395nm
ACS-24UVLED	24" Single Lamp Complete UV LED Curing System	24" (61cm)	10' (305cm)	230V, 1PH, 60HZ	395nm
ACS-30UVLED	30" Single Lamp Complete UV LED Curing System	30" (72cm)	10' (305cm)	230V, 1PH, 60HZ	395nm
ACS-36UVLED	36" Single Lamp Complete UV LED Curing System	36" (91cm)	10' (305cm)	230V, 1PH, 60HZ	395nm
ACS-48UVLED	48" Single Lamp Complete UV LED Curing System	48" (122cm)	10' (305cm)	230V, 1PH, 60HZ	395nm
ACS-60UVLED	60" Single Lamp Complete UV LED Curing System	60" (152cm)	10' (305cm)	230V, 1PH, 60HZ	395nm
ACS-72UVLED	72" Single Lamp Complete UV LED Curing System	72" (183cm)	10' (305cm)	230V, 1PH, 60HZ	395nm

*50HZ available

** Other NM output wavelengths are available; ask your sales team

THE AWT WORLD TRADE GROUP

Combining state-of-the art engineering expertise and creativity with outstanding customer service to provide quality, consistency, and value to the screen printing industry for more than 40 years



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