

Accu-CURE™ UV

*Moving Ahead
With Technology*

Ultraviolet Curing Units for Flat Substrates, Rigid Panels & 3-D Parts



**Accu-Cure with 3D
Parts Conveyor**



**Accu-Cure with
Standard Conveyor**



**12" Small Format
Accu-Cure**

ADVANTAGES

- Ultraviolet (UV) curing head provides variable lamp output of 300, 200, or 100 watts
- Very quiet operation
- Caster-mounted master control console: may be used on either side of dryer
- Safety feature alerts operator audibly and visually when lamp housing is open
- Cooling system minimizes heat transfer to belt and stock – reduces distortion
- Removal system vents ozone and heated air outside operating area
- Adjustable curing head height to accommodate a wide range of substrate thicknesses
- Double lamp systems available
- Single or double lamps can be retrofitted to existing dryers

A.W.T.'s Accu-Cure™ Ultraviolet Curing Units are a remarkable combination of performance, control and safety features. There are two distinct types of Accu-Cure units. While both types are engineered for high speed curing, one is designed for flat/rigid substrates using a wide Fiberlon™ conveyor belt and the other utilizes a unique recessed conveyor system for curing 3-D parts and rigid substrates as well.

A.W.T.'s Removal System vents ozone and hot air safely out of the working area. Specially engineered light guards protect the operator from exposure to actinic (UV) light output.

Variable position wattage selection allows the operator to adjust lamp output to conditions, prolonging lamp life and conserving energy.

Manufactured by



A.W.T. World Trade, Inc.
A Division of The A.W.T. World Trade Group

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ACCU-CURE™ ULTRAVIOLET CURING UNIT

Consistent Quality - Built to last

Standard Features

- Repositionable UV curing head
- Focused UV reflector is easy to clean
- 12, 24, 36, 48, 60, 72, 80, and 100" curing widths standard; other custom widths available
- Ozone removal system
- Vacuum holddown
- Advanced design light guards
- Strong, heat-resistant 10' Fiberlon™ conveyor

Options & Accessories

- Intelli-Guard™ Option synchronizes power settings between the Automatic Screen Printing Press and Accu-Cure UV Dryer. The press powers down automatically when idle
- Heat reduction quartz polished glass for 24" single lamp UV system
- Additional open conveyor per foot - 24" wide
- Electrical upgrade to 230 V, 3 Ph, 60 Hz
- Spare parts package
- Dope UV curing system upgrade
- Electrical conversion to 50 Hz



Flat substrates and rigid panels are transported efficiently on a strong Fiberlon™ conveyor belt. Belt is heat resistant up to 500 F.



3-Dimensional parts are transported efficiently on specially-designed, recessed conveyor belts.

Specifications (Standard Conveyor Models)*

CATALOG NO.	CURING WIDTH	CONVEYOR LENGTH	ELECTRICAL	AMPS
ACS-12	12" (30 cm)	5' (152 cm)	230 V, 1 Ph, 60 Hz	70 A
ACS-24	24" (61 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	70 A
ACS-36	36" (91 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	80 A
ACS-48	48" (122 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	90 A
ACS-60	60" (152 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	110 A
ACS-72	72" (183 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	110 A
ACS-80	80" (203 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	110 A
ACS-100	100" (254 cm)	10' (305 cm)	230 V, 1 Ph, 60 Hz	110 A
ACDS-12	12" (30 cm)	7' (178 cm)	230 V, 1 Ph, 60 Hz	40 A
ACDS-24	24" (61 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	40 A
ACDS-36	36" (91 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	50 A
ACDS-48	48" (122 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	48 A
ACDS-60	60" (152 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	110 A
ACDS-72	72" (183 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	110 A
ACDS-80	80" (203 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	110 A
ACDS-100	100" (254 cm)	15' (457 cm)	230 V, 1 Ph, 60 Hz	110 A

* Both the single and double-lamp models can be retrofitted onto your existing dryer - any brand. Custom sizes and models with recessed conveyor are available - call for details.



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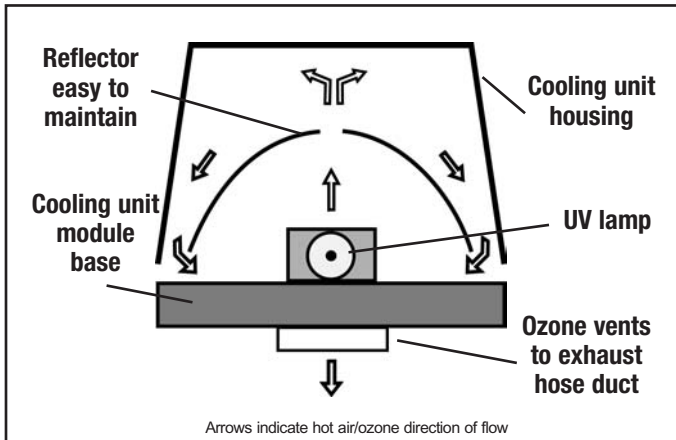
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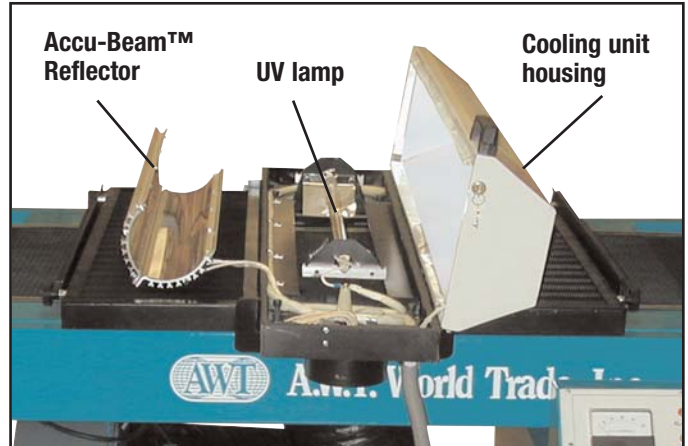
Available with Standard or Recessed Conveyors

The most versatile Accu-Cure utilizes a unique recessed conveyor. The conveyor width and position is controlled electronically from the Belt Position Control Panel and will accommodate many shapes and sizes of 3-D parts as well as

flat substrates and rigid panels. As in all Accu-Cure units, paper, cardstock, plastics, glass and metal objects are protected by a computer designed cooling system which minimizes heat transmission to stock in the curing chamber.



Advanced reflector design vents ozone to outside exhaust system.



Accu-Beam™ focused UV reflector - easy to clean

All Accu-Cure Units larger than 12" have a separate belt speed control panel.



The Accu-Cure with a recessed conveyor has a third control panel to adjust belt width and position.



Retrofit Your Existing Dryer with an A.W.T. UV Curing Head

To retrofit your existing dryer with A.W.T.'s UV Curing Head, simply order one of the units from the chart at the right. **Note:** Units do not include vacuum hold-down or exhaust system.



Existing dryer retrofitted with A.W.T. Curing Head.

Specifications (Single & Double Lamp Systems)

CATALOG NO.	LAMP SYSTEM	CURING WIDTH
AC-12	Single	12" (30 cm)
AC-24	Single	24" (61 cm)
AC-36	Single	36" (91 cm)
AC-48	Single	48" (122 cm)
AC-60	Single	60" (152 cm)
AC-72	Single	72" (183 cm)
AC-80	Single	80" (203 cm)
AC-100	Single	100" (254 cm)
ACD-12	Double	12" (30 cm)
ACD-24	Double	24" (61 cm)
ACD-36	Double	36" (91 cm)
ACD-48	Double	48" (122 cm)
ACD-60	Double	60" (152 cm)
ACD-72	Double	72" (183 cm)
ACD-80	Double	80" (203 cm)
ACD-100	Double	100" (254 cm)

Your Complete Manufacturing Source for Screen Printing Equipment, Supplies & Parts

THE A.W.T. WORLD TRADE GROUP

Combining knowledge, expertise, creativity, outstanding engineering, quality and value to provide the finest equipment, parts, supplies, remanufacturing services and technical support to the screen printing industry.

The A.W.T. World Trade Group was formed in 2002 when A.W.T. World Trade, Inc. and Graphic Parts International, Inc. purchased American M&M Screen Printing Equipment.

With more than 30 years of experience in both setting up and serving industrial, electronic, graphics and textile shops, The A.W.T. World Trade Group is a screen printer's complete manufacturing source for pre-press and printing equipment, supplies, parts and remanufactured products.

Experience has shown that when printers use a single manufacturing source, they reduce compatibility problems between equipment lines and supplies. The A.W.T. World Trade Group designs and develops complete systems to work efficiently and economically together – reducing printing problems, production costs, and downtime while improving profitability.

The A.W.T. World Trade Group's technical sales staff will help you choose the right system for your company's needs. Our industry experts in both service and technical support will quickly and confidently help you through the installation and setup process.



CORPORATE HEADQUARTERS & MANUFACTURING FACILITY

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