



ACS Tabletop Model UV CURING SYSTEM

Tabletop Model

Advance Curing System UV Curing is designed and developed indigenously for a wide range of application. UV Curing is the most efficient curing method, suitable for Ink, Lacquer, Varnish, Adhesive & resin curing. This system finds its application in PCB Industry, printing Industry, Metal printing, medical / surgical component curing etc. This UV curing process eliminates the conventional heating method; hence it is very useful where temperature cannot be applied. Ultraviolet radiation polymerizes the coated substrate and hardens its.

UV curing is a technology advanced photochemical process in which intense ultraviolet (UV) light is used to instantly cure or inks, coating or adhesives in a wide range of industries, UV curing has become environmentally preferred to thermal drying because of the greatly reduced solvent emissions. As a result UV curing has been widely adopted in many basic industries including applications in the automotive, telecommunication, graphic arts, and decorative coating industries.





ACS manufactures a wide range of UV systems for industrial applications, most of which are custom built, to meet the specific customer requirement.

This tabletop dual lamp UV system can be used for lab as well as a production unit. It is a conveyerised system consists of a variable speed conveyor with medium pressure mercury vapor quartz lamps mounted on designed reflectors. Digital indication of the conveyor speed is provided. Equipments are built to handle any type of flat surfaced product. Safety aspects like interlocked circuit, overload relays, MCB's, and indicators for each cycles provided. Power required 415V / 220V \pm 5%, 50 Hz or as specified at the time of ordering.

Technical Specification:

Process	:	Curing
Product Transport	:	Conveyorised
Curing width	:	6,8,12,18 inches available.
Curing type	:	ultraviolet radiation
No of UV lamp	:	2
UV lamp type	:	mercury vapour
Lamp make	:	Western Quartz USA
Conveyor speed	:	variable digital indication
Cooling	:	built in
Curing time	:	instantaneous

Salient Features:

- Compact system
- Power saving compared to conventional heat drying.
- Faster production.
- Identical finished product.
- Environmental friendly.



Field of Application:

Adhesive curing
Ink curing
Varnish curing
Curing of any coating
PCB Manufacturing

In manufacturing of:

Automobile parts
Glass
Vinyl
Medical products
Ceramic
Wires and cables
Metal printing

Plastic printing
Wire bonding
Magazines/publications
Calendars
Reproduction of art prints
Greeting cards, post cards, novelties
Plastic binders
Credit and membership cards
Continuous stationery
Place mats and coasters
Scratch-off and other lottery tickets
Sample swatch selectors

Designed and Manufactured by:

ACS UV Technologies

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