



PROCESS SOLUTIONS YOU CAN COUNT ON

UV SERIES

UV CURING OVEN

Features & Benefits

- The customized UV lamp and advanced variable frequency power technology are used to ensure stable output of ultraviolet energy and dramatically reduce energy consumption
- With adjustable power from 0 to 100%, the lamp service life can extend to 2000 hours and beyond

Product Description

The Anda UV Series is the most powerful compact inline high intensity Ultraviolet (UV) curing system in the industry. It is capable of exceeding the maximum UV intensity requirements for curing virtually any UV curable product on the market today. In a class of its own, the system cost is also more affordable than rivaling products offered by competitors.

The UV Series is suitable for high intensity, rapid curing of UV curable coatings, adhesives, and inks. Closed-loop supply air ensures every substrate receives the same amount of cooling UV wavelength tailored to the ink, coating, or adhesive formulation.

The UV Series was designed with enhanced safety protection to ensure operator protection from harmful UV radiation. The systems SMEMA communication and touch screen control interface integrates into new or existing factory automation lines or can also be used stand-alone. Pairs seamlessly with selective conformal coating spraying systems and does not interfere with wireless networks.

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Long Arc Medium Pressure Ultraviolet Lamp



Digital Lamp Ballast, 1000 to 6000 Watts



Specifications :

System Specifications

UV Curing Oven

Transmission system	
Component Height	± 100 mm (± 3.93")
Board / Pallet Width	50 – 460 mm (1.96" – 18.11")
Process Flow	L to R (Standard), R to L (Option)
Conveyor Height	900 ± 20 mm (35.43" ± 0.79")
Conveyor Speed (XY)	0.5-5 m/min
Conveyer Width Adjustment	Manual
Max. Loading	4 kg/m at even distribution
Facility	
Standard Footprint	L 1500 × D 1137 × H 1460 mm (L 159.05" × D 44.76" × H 57.48")
Weight	400 kg
Input Power	3 Phase 380 VAC (Standard), 208/480 VAC with transformer (Option)
Rated Power	7.0 KW (single UV lamp)
UV Cure Beam Width	620 mm (24.40")
Interface	
Controller	PLC and touch screen
Communication Protocol	SMEMA & IPC- CFX
Exhaust Requirement	11.33 m ³ /min (400 cfm)
Ultraviolet Irradiation	
UVA	> 500 mW/cm ²
UVB	> 500 mW/cm ²
UVC	> 100 mW/cm ²

Standard Features

- Edge carrying, variable speed pin chain conveyor
- Rail expansion compensation
- SMEMA communication protocol
- PLC controller and touch screen
- 100mm top and bottom side component clearance

Optional Features

- Dual UV lamp for UV curing
- Top and bottom side simultaneous curing
- Return conveyor

