

UV Curing Oven



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+

S\$7,145⁰⁰

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Physical & Mechanical Properties	
14	Weight (kg):
190 x 175 x 185	Chamber Size D x W x H (mm):
246 x 282 x 410	Dimensions (mm):
Optical Properties	

365.00	Wavelength (nm):
0.25 Max	Irradiance (W/cm²):
Hardware & Interface Connectivity	
AC 100 - 305V	Power Requirement:
Regulatory Compliance	
View	Certificate of Conformance:

Product Details

- Up to 250mW/cm² UV Irradiance
 - 365nm Center Wavelength
 - Digital Control of UV Intensity and Exposure Time
- The UV Curing Oven is a compact 246 x 282 x 410mm UV LED curing chamber that can provide high intensity UV irradiance up to 250mW/cm2 for fast curing. Featuring a digital controller, UV light intensity can be fixed between 10% and 99% with adjustable exposure times ranging from 1 second to 100 minutes. UV reflective panels in the curing chamber provide homogeneity greater than 85% on the irradiated surface for reliable and repeatable UV emission. The UV Curing Oven is ideal for a wide range of bonding, curing, drying, hardening, and photolithography applications. A UV protection system between the lamp and the door avoids unwanted UV exposure by shutting off the UV illumination if the door is open.

FAQ(s)

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Is the UV curing oven safe to operate?

Yes. It features a door interlock system, 99.9% UV-blocking viewing window, and auto shut-off to prevent accidental UV exposure.
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What are common applications of UV curing ovens?

Typical uses include bonding, drying, hardening, photolithography, and curing specialty inks, adhesives, and coatings in research and industrial settings.