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UV Curing Oven



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1 MRP ₹5,41,999

Price inclusive of all taxes

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Physical & Mechanical Properties

Weight (kg):
14

Chamber Size D x W x H (mm):
190 x 175 x 185

Dimensions (mm):
246 x 282 x 410

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:**

France **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91-80-6845 0000

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 UVLED 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)

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.

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.