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## UV Curing Oven



Stock #26-822 **2 In Stock**

⊖ 1 ⊕ €5.103<sup>00</sup>

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### Product Downloads

### 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

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365.00 **Wavelength (nm):**

0.25 Max **Irradiance (W/cm<sup>2</sup>):**

## Hardware & Interface Connectivity

AC 100 - 305V **Power Requirement:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

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## Product Details

- Up to 250mW/cm<sup>2</sup> 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/cm<sup>2</sup> 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.

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