



Compact & Homogeneous UV Curing Box



Active air cooling



UV LED technology



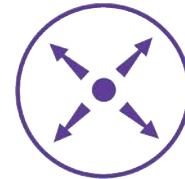
Plug&Play device



Irradiance up to
800 mW/cm²



Secured equipment



More than 85 %
homogeneity

PRODUCT DESCRIPTION

UV OVEN is a Plug&Play and easy-to-use UV chamber that has been designed for high-quality UV curing. Its ergonomic design provides total control of UV insolation, excellent repeatability, and easy adjustment of the intensity of illumination. Security system allows the stoppage of UV emission with instant interruption when the door is opened.

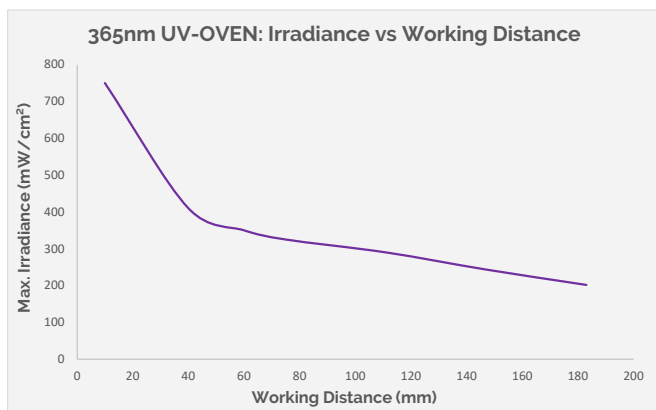


OPTICAL SPECIFICATIONS

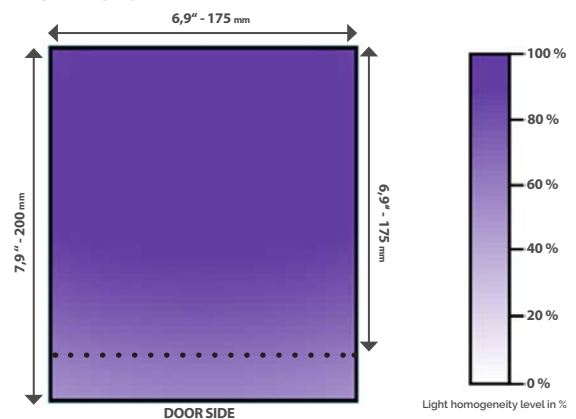
UV OVEN is equipped with LED technology, allowing for fast and durable UV curing. Its energy-efficient integrated UV LED lighting module provides powerful emission in a compact device and the inside reflective panels help improving light intensity and uniformity.

With homogeneity level of over 85% on the entire surface, UV OVEN delivers precise and consistent results on one or multiple samples at a time.

PHOTOMETRY



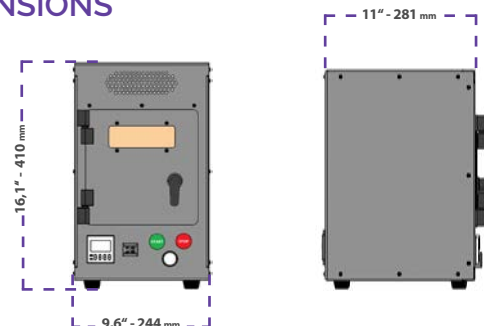
HOMOGENEITY MAP



APPLICATIONS

- Polymerization processes such as assembly, fixing or encapsulation of components in various industry sectors.
- Semi-automated & safe UV curing applications of glues, inks, varnishes, and resins.
- Research & Development experiments using UV light in chemical, material, and biological laboratories.

DIMENSIONS



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To learn more about our UV curing solutions please visit www.uwave-uv.com