



Powerful & Customizable UV LED Chamber



Smart control system



UV LED technology



Plug & Play device



Irradiance up to
2000 mW/cm²



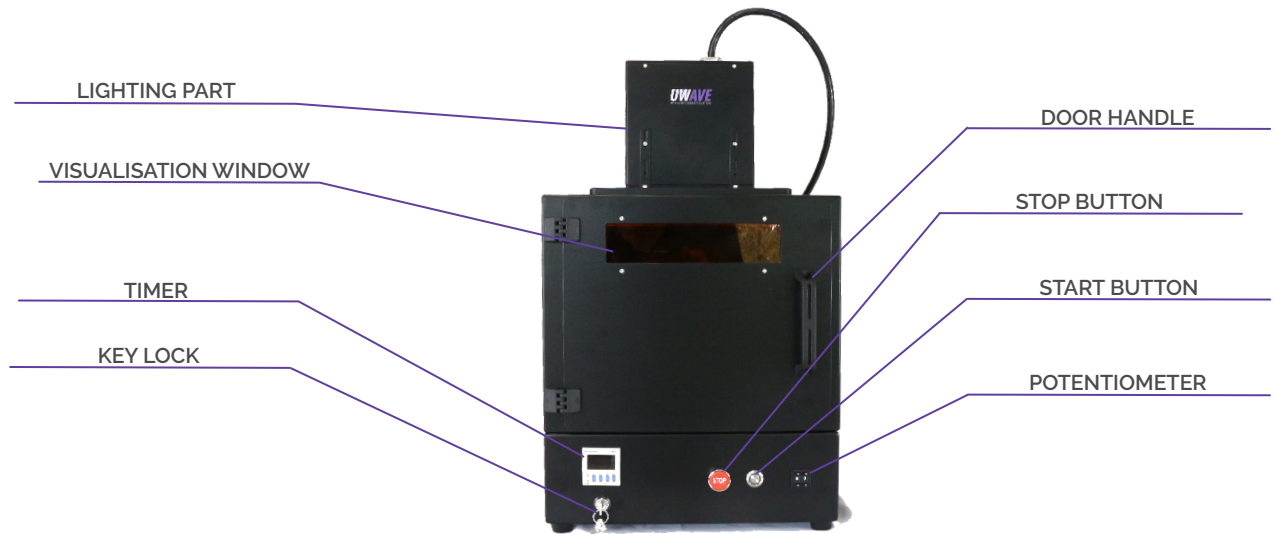
Secured equipment



UV-C / UV-B / UV-A

PRODUCT DESCRIPTION

UV CHAMBER is an easy-to-use UV LED irradiation oven, efficient and suitable for a wide range of UV applications. Its ergonomic design provides full control over UV insolation with excellent repeatability. You will be able to tune the time, the intensity of the illumination as well as the working distance. This secured chamber offers a smart UV protection for the operator as UV emission stops as soon as the door is opened.



OPTICAL SPECIFICATIONS

Each **UV CHAMBER** is equipped with the selected **UCUBE** in relation to optical needs. In addition to standard models, UWAVE manufactures custom products to meet the challenges of wavelength, intensity, homogeneity, and size of irradiated area to better meet the constraints of its users.

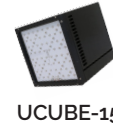
UCUBE GUIDE



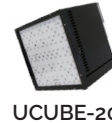
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UCUBE-10-HP



UCUBE-15



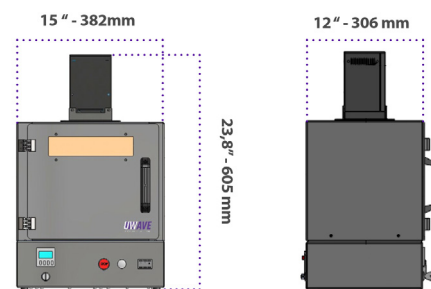
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OPTICAL SIZE	100mm x 100mm	100mm x 100mm	150mm x 150mm	200mm x 200mm
NUMBER OF LED	25 LED	100 LED	64 LED	100 LED
MAX IRRADIANCE @85mm working distance	250 mW/cm ²	1200 mW/cm ²	370 mW/cm ²	330 mW/cm ²
LIGHT DISTRIBUTION on a 300mm x 300mm area @135mm working distance				

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