

UV illumination chamber

Description

The UV illumination chamber enables the homogenous irradiation of samples with different UV powers and spectra.

Applications

- Investigation of photocatalytic processes
- Photostability testing
- Material testing
- Methylene blue degradation test
- Irradiation of bacteria or cell cultures



Features

- 2 or 4 UV-A tube lamps (different lamp spectra available)
- Light power adjustment
- Temperature and humidity display
- Time automation of experiments

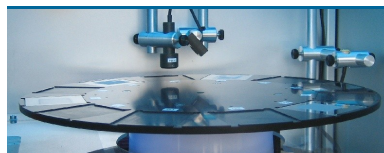
Specification

UV light source	G13 socket, 590 mm
Light intensity	up to 2 mW/cm ²
Central wavelengths	370nm, 390nm, 400nm, etc.

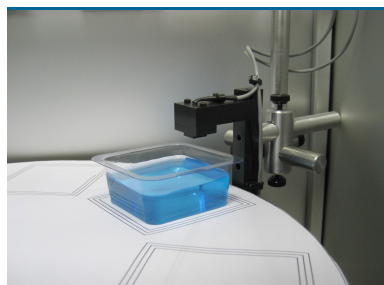
Dimensions

Housing (l x w x h)	780 x 420 x 514 mm ³
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Options



Haze meter and rotary disk



Transmission meter

- Controller for improved automation
- Climate control (temperature, humidity)
- Watering and de-watering
- Calibrated photodiode for UV power control
- Rotary disk with light guards for sample placement
- Optical transmission meter
- Optical haze meter

Works in progress.
Subject to change without prior notice.

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