



## UVACUBE 2000

UV curing chamber

## System-Features

- ozone free Hönle-lamps with standard and special spectra
- two step power control
- optional ACM temperature reduction

## Advantages

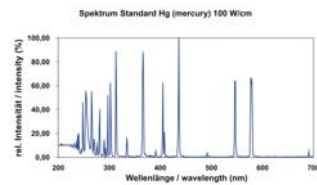
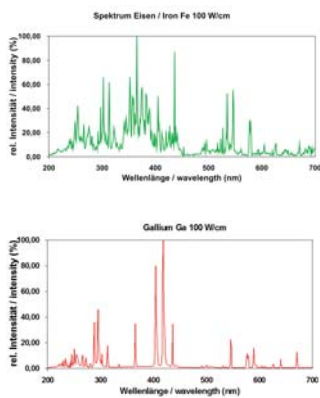
- high operational safety
- user-friendly

## UVACUBE 2000

The UVACUBE 2000 is an UV curing chamber for laboratory use and manufacture by hand. Through combining different UV units like **direct irradiation or ACM mirror for temperature reduction**, and lamps, UVACUBE 2000 can be used for a large variety of applications and offers individual process solutions. The power and timer pre-set are offering high process reliability. In addition, UVACUBE 2000 meets the highest demands in operational safety and ease of handling.

### Applications

- Curing of adhesives and plastics
- Curing of inks, varnishes and coatings
- UV irradiation for chemical and biological applications



Standard spectra and spectra tailored to specific requirements can be supplied

### Generous capacity

UVACUBE 2000 has a useful working capacity of around 45 x 40 x 30 cm (HxWxD) permitting a wide range of objects to be accommodated. Optimised lamp reflectors and interior provide **uniform irradiation (approx. +/- 10% on bottom of chamber)**.

### Exact and repeatable results

The standard supply of the timer controlled shutter is for exposure periods from 1 second to 9 minutes 59 seconds. An option is for this timing range to be from 1 minute to 9 hours 59 minutes. An acoustic device signals the end of irradiation. As an option UVACUBE can be supplied with a UV sensor that can be located anywhere in the curing chamber to provide exact measuring results.

### Different lamp spectra

Hönle UV lamps offer outstanding power yield with long lamp life. In addition to standard spectra, Hönle is able to develop application specific spectra according to the requirements of inks, coatings and adhesives formulators. This means current UV curing processes can be optimised with scope for new applications.

There are, at a **two-step power control** (50% / 100%), up to 2000 W lamp power for three different arc length available: 100mm, 150mm and 200mm and a arc power output up to 200W/cm, 133W/cm and 100W/cm.

### Safety of operation

Safety of operation is provided through interlocking. The door is locked when the shutter is open and the shutter is locked when the door is open.

### Technical Data

- Supply voltage: 400 V / 50 Hz
- Power input: 2000 W



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