hoenle eleco

UVACUBE 2000



UV curing chamber

FEATURES

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

BENEFITS

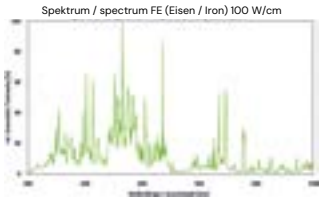
- high operational safety
- user-friendly

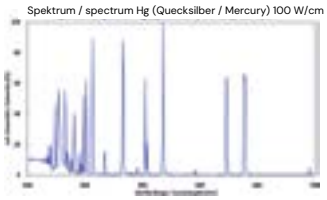
UVACUBE 2000

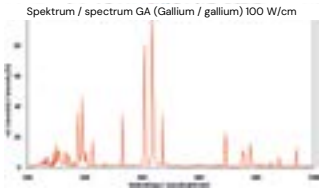
The UVACUBE 2000 is an UV curing chamber for laboratory use and manufacture by hand. Through combining different UV units like direct irradiation or ACM mirror for temperature reduction, and lamps, UVACUBE 2000 can be used for a large variety of applications and offers individual process solutions. The 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 450 x 400 x 300 mm (HxWxD) permitting a wide range of objects to be accommodated. Optimised lamp reflectors and interior provide uniform irradiation (approx. +/- 10 % on bottom of chamber).

TECHNICAL DATA

- Supply voltage: 230 V / 50 Hz
- Power input: 2000 W
- Dimensions (LxWxD)* 834 x 466 x 402 mm

* Dimensions of the unit without lamp equipment

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 an UV Meter. Its UV sensor can be located anywhere in the curing chamber to provide exact measuring results.

DIFFERENT LAMP SPECTRA

Honle UV lamps offer outstanding power yield with long lamp life. In addition to standard spectra, Honle 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: 100 mm, 150 mm and 200 mm and a arc power output up to 200 W/cm, 133 W/cm and 100 W/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.

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ALL-CERT
DIN EN ISO 9001
DIN EN ISO 14001

Operating parameters depend on production characteristics and may differ from the foregoing information.
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