

UV-Chamber S + M + L with electrical shutter and digital timer



Technical Data and Dimensions:

Application

Applications of the UV chamber are numerous. Besides the standard tasks, such as curing and gluing, the chamber may be used for material testing and radiation for chemical and biological applications.

Design

The UV radiation chamber is suitable for laboratory and manual production; different UV emission spectra are possible due to the combination of different UV lamps and UV filter discs.

High occupational safety; the door is secured against unintentional opening. As soon as the exposure starts, the door is locked electromagnetically. A limit switch also monitors the position of the door.

Despite the closed lamp shutter, some scattered light escapes into the process area due to reflection. Wearing UV protective goggles when placing the product in the process room is recommended by the manufacturer, but not compulsory. This would have to be assessed by the system operator as part of his risk assessment.

No UV radiation escapes during exposure, so no PPE (protective goggles) must be worn when the door is closed.

Equipment; with digital timer, operating hours counter and power preselection switch (50% / 100%) for half and full load switching of the UV lamp.

The interior is completely clad with special reflectors, which ensure homogeneous exposure in the irradiation chamber.

The lamp unit with a UV lamp of 850 watts ensures high UV intensity thanks to computer-optimized reflector geometry.

Thanks to the large device door, the UV chamber is also suitable for irradiating three-dimensional workpieces. The workpieces are only slightly heated in the air-cooled irradiation chamber.

Timer:

Display: digital display in minutes or hours

Display range: 0.1 to 99.99

Switchable between counting up and counting down Start and stop button on the timer

16 different warning signals can be selected



Technical Data and Model:

UV-Chamber / S

Radiation area: 400 x 310 x H 460 mm

Dimension Door: 385 x 380 mm

Total weight: approx.. 37 kg

Dimensions total: 466 x 486,5 x 754,3 mm

Radiation area: 395 x 300 mm

UV-Lamp: 850 W (HG, FE or GA)

Filter glass: QRZ, WSG, SLF

UV-Chamber / M

Radiation area: 400 x 300 x 590 mm

Dimension Door: 385 x 510 mm

Total weight: approx.. 40 kg

Dimensions total: 466 x 486,5 x 884,3 mm

Radiation area: 395 x 300 mm

UV-Lamp: 850 W (HG, FE or GA)

Filter glass: QRZ, WSG, SLF

UV-Chamber / L

Radiation area: 465 x 450 x 530 mm

Dimension Door: 450 x 450 mm

Total weight: approx.. 46 kg

Dimensions total: 531 x 626,5 x 824,3 mm

Radiation area: 450 x 440 mm

UV-Lamp: 850 W (HG, FE or GA)

Filter glass: QRZ, WSG, SLF

Electrical supply: 230 V / 50 Hz

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