

MODULAR HIGH INTENSITY UV UNITS



UVASPOT

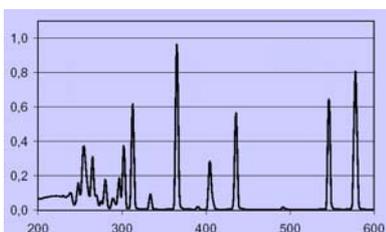
Highlights

- wide range of emission spectra
- irradiation for large surface areas possible
- multi-functional

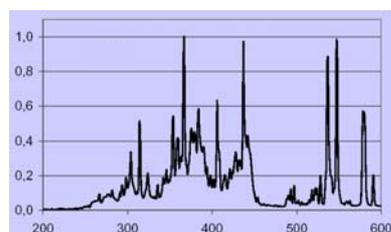
The UVASPOT ranges are modular high intensity UV units. They achieve very high uniformity throughout the irradiation field. Through various lamp and filter configurations, spectra for applications in the range of UVA, UVB, UVC, VIS and black-light can be produced.

With several units combined larger areas can be exposed with high UV efficiency and uniformity throughout the irradiation field. Even irradiation of extruded continuous products is possible. For this purpose the UVASPOT units are mounted in triangular or even hexagonal positions.

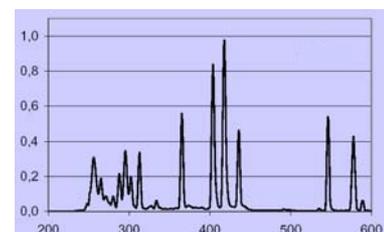
H-lamps



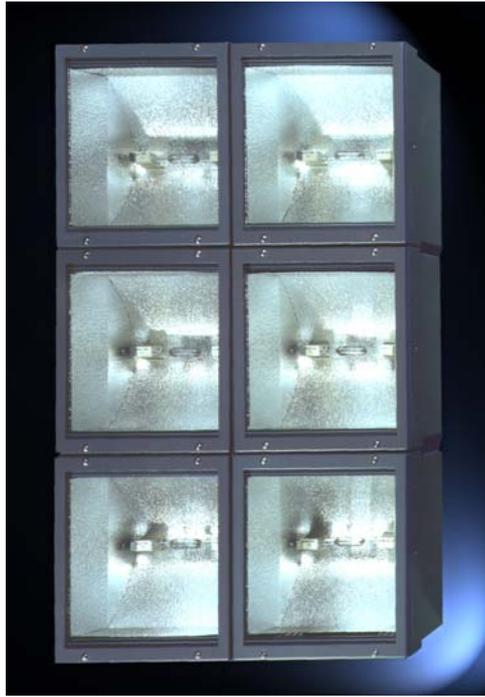
F-lamps



G-lamps



Standard spectra of the UVASPOT 400/T lamps (wavelength in nm, intensity in relative units)



UV unit consisting of 6 UVASPOT 400 / T

A separate power supply unit controls the lamp. In multiple lamp systems the power supply units can be integrated into a single switch cabinet.

Examples of application

- curing of UV activated polyester resins and pottants (e. g. tanks, boxes, tubes, injection moulding and deep drawn components, repairs to metal and plastic components)
- bonding of glass, plastics and metal with UV curing adhesives (e. g. electronic, fine mechanical and optical components)
- curing of conformal coatings on printed circuit boards
- examination for UV resistance of colours, plastics, lacquers and coatings
- UV irradiation for chemical, biological and pharmaceutical research
- fluorescent examination of materials

	UVASPOT 400/T	UVASPOT 1000	UVASPOT 2000
supply voltage (other on request)	230 V / 50 Hz		400 V / 50 Hz
power input	430 W	1000 W	2000 W
length	265 mm	397 mm	
width	222 mm	305 mm	
depth	220 mm (overall)	343 mm (without cable)	



Dr. Hönle AG • UV Technology • Lochhamer Schlag 1 • D- 82166 Gräfelfing/München
 Phone: +49 (0)89/8 56 08-0 • Fax: +49 (0)89/8 56 08-148 • E-Mail: uv@hoenle.de
 Internet: www.hoenle.de

Operating parameters depend on production characteristics and may differ from the foregoing information. We reserve the right to modify technical data.



Certified
ISO 9001