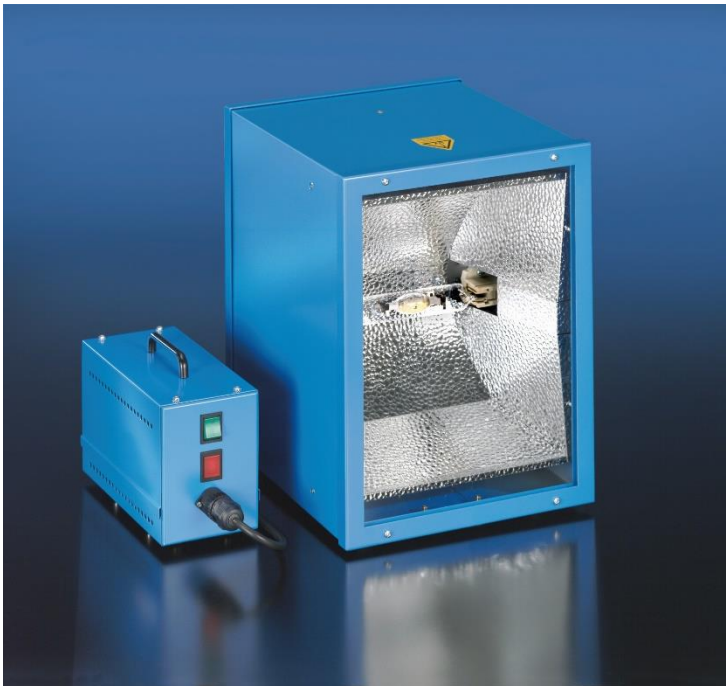


**TECHNICAL INFORMATION**

**BEST-UVA-SPOT**



**System-Features**

The **BEST-UVA-SPOT** 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 blacklight can be produced.

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

**Application**

**BEST-UVA-Spot** is suitable for the curing of all types of BEST-PL and BEST-KL Adhesives for the bonding of glass, plastics and metals and for the coating of electrical and electronical components.

With several **BEST-UVA-SPOT** 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 **BEST-UVA-SPOT** units are mounted in triangular or even hexagonal positions.

**Proper handling of UV-irradiation**

**BEST-UVA-Spot** absorbs UV-irradiation below 315 nm. The device in question is a mere UVA-spotlight which can be operated without any special protections according to the operating instructions. The device is GS marked ("Tested Safety") by the TÜV Bavaria.



## Technical Data

	<u>UVA-Spot 400/T</u>	<u>UVA-Spot 1000</u>	<u>UVA-Spot 2000</u>
Supply voltage:	230 V / 50 Hz	230 V / 50 Hz	400 V / 50 Hz
Power input:	400 W	1.000 W	2.000 W
Current:	4,5 A	6 A	6 A
Initial current:	7 A	11 A	11 A
Length:	222 mm	397 mm	397 mm
width:	265 mm	304 mm	304 mm
Depth:	222 mm	343 mm	343 mm
Weight of Lamp:	ca. 1,5 kg	ca. 11 kg	ca. 11 kg
Weight of ballast:	ca. 6 kg	ca. 19,5 kg	ca. 15,5 kg

## UV-Irradiation

Distance 20 cm	30 mW / cm <sup>2</sup>	60 mW / cm <sup>2</sup>	150 mW / cm <sup>2</sup>
Distance 50 cm	5 mW / cm <sup>2</sup>	25 mW / cm <sup>2</sup>	75 mW / cm <sup>2</sup>

The data and information above correspond to the current know-how of BEST-Klebstoffe GmbH & Co.KG. Our information and data have been developed from laboratory tests and extensive practical experience. It is the users responsibility to perform receiving inspections and to determine suitability for the users purpose of any production methods. We disclaim all warranties expressed or implied, that any product will have specific properties for a particular purpose.

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