

ARCCURE BK SYSTEM



High UV intensity with less heat impact

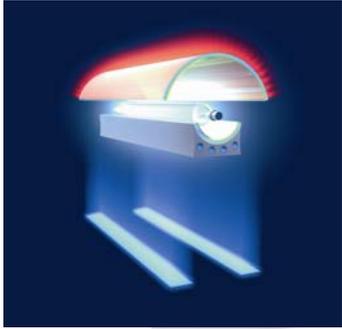
With irradiation widths up to 300 mm, the arcure BK system is suitable for a wide range of uses. The patented dualfocus principle reduces the thermal irradiation. Only indirect UV light in two focus lines reaches the substrate, and the IR irradiation is minimised by IR absorbing reflectors. The result is a high UV intensity and over 95% UV light - pure UV. This reduces the amount of rejects and allows extremely heat-sensitive substrates to be processed.

Highlights

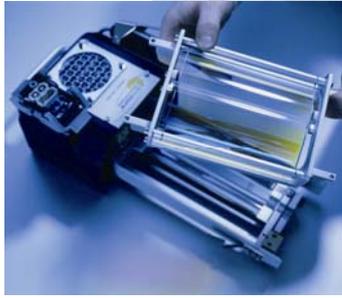
- irradiation widths up to 300 mm
- less heat impact
- very high UV rate
- continuously variable power control available, 20 % - 100 %
- all standard and many special spectra

Benefits

- suitable for heat-sensitive materials
- increase of productivity
- multi functional
- easy lamp replacement thanks to the units' drawer design



Mode of action of the patented dualfocus reflector



Easy lamp and reflector replacement

The patented reflector geometry guarantees a high UV intensity, which induces an increase in productivity.

The arcure BK system can be equipped with various lamps emitting different wavelengths. It is thus possible to adapt the emitted spectrum to the customer's curing conditions.

Thanks to the units' specific drawer design, lamps and reflectors can quickly and easily be replaced.

Stepless performance control and high efficiency

Honle's approved electronic power supplies (EPS) with an integrated PLC interface provide the requisite energy. They are equipped with a stepless electronic power control from 20%-100%. This allows power outputs of up to 200 Watts/cm in continuous operation and up to 360 Watts/cm in pulse operation. The high efficiency of the arcure power electronics also ensures lower operating costs.

	arcure BK 150	arcure BK 200	arcure BK 300
irradiation width (mm)	150	200	300
external dimensions LxWxH (mm)	554,5x200x153	604,5x200x153	704,5x200x153
weight (kg)	11,5	12,2	13,5
electrical connection	3~400 V; N; PE 3000-6000 Watt		



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

Disclaimer: The reproducible UV-related measurement is a tool for documentation of process parameters. A process guarantee based on these measurement data cannot be given.



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ISO 9001