A R C C U R E B K 1 5 0 E B

High UV intensity - wide irradiation area

With its irradiation area of 145 x 145 mm, the arccure BK 150 EB is ideal for cyclical processes, 3D exposures and for any applications that require uniform, 2D irradiation. arccure's patented reflector technology reduces thermal irradiation. Only indirect UV light with a very homogeneous energy density over its whole irradiation area reaches the substrate. The IR irradiation is minimised by IR absorbing reflectors.

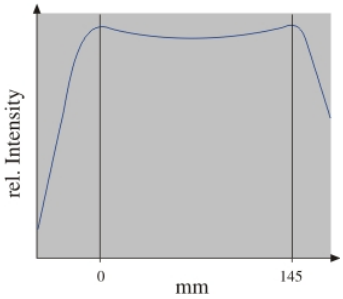
The result is a high UV intensity and over 95% UV light - pureUV. This reduces the amount of rejects and allows extremely heat-sensitive substrates to be processed.

Highlights

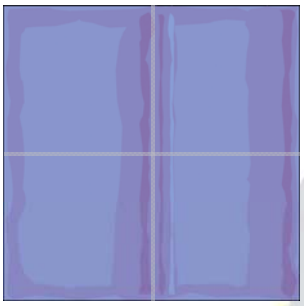
- irradiation area 145x145 mm
- less heat impact
- very high UV rate
- continuously variable power control available, 20 % - 100 %
- different spectra

Benefits

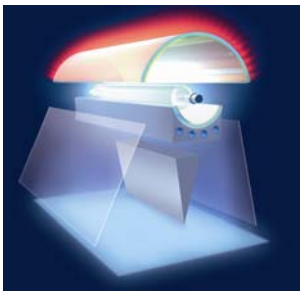
- suitable for heat-sensitive materials
- increase of productivity
- multi functional
- easy lamp replacement
- ideal for three-dimensional objects



UV intensity in the longitudinal axis



Homogeneous dosage distribution in the irradiation area



The patented reflector system contains dichroic quartz reflectors. The arccure BK 150 EB 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 arccure power electronics also ensures lower operating costs.

	arccure BK 150 EB
irradiation area (mm)	145 x 145
external dimensions LxWxH (mm)	554,5x200x153
weight (kg)	11,5
electrical connection	3~400 V; N; PE 3000-6000 Watt

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Certified ISO 9001

Operating parameters depend on production characteristics and may differ from the foregoing information. We receive the right to modify technical data.
Disclaimer: The reproducible UV-relative measurement is a tool for documentation of process parameters. A process guarantee based on these measurement data cannot be given.