



SPOTcure 05

THE POWERFUL UVC LIGHT SOURCE FOR INDUSTRIAL APPLICATIONS

The SPOTcure 05 UV system is ideal for use in batch production. Short exposure times combined with a high light output enable cycle times of as little as 0.2 seconds. Thanks to its closed-loop control of the light output and monitoring of sealing times, the SPOTcure 05 UV system guarantees maximum process reliability.

SPECTRUM WITH UVC

SPOTcure 05 UV systems offer a closed-loop controlled light output even in the short-wave spectral range up to 320 nm. This is particularly suitable for bonding techniques that require this energy-rich, short-wave UVC light.

TECHNICAL DATA

Mains connection: 100 – 240 VAC
 Power input: 250 W
 Dimensions: 340 x 160 x 310 mm (W x H x D)

Weight: 6,5 kg
 Operating temperature: -10°C – +35°C
 FCC Class B

Optical power

SPOTcure 05

Spectral range	Output	Intensity
280 – 320 nm	500 mW	2.500 mW/cm ²
320 – 400 nm	4.500 mW	22.500 mW/cm ²
400 – 420 nm	2.000 mW	10.000 mW/cm ²
400 – 500 nm	8.000 mW	40.000 mW/cm ²
320 – 420 nm	6.500 mW	32.500 mW/cm ²
320 – 500 nm	12.500 mW	62.500 mW/cm ²

SPOTcure 05 UVC

Spectral range	Output	Intensity
220 – 280 nm	500 mW	2.500 mW/cm ²
280 – 320 nm	2.000 mW	10.000 mW/cm ²
320 – 400 nm	3.500 mW	17.500 mW/cm ²
400 – 420 nm	1.300 mW	6.500 mW/cm ²
400 – 500 nm	5.000 mW	25.000 mW/cm ²
220 – 420 nm	6.000 mW	30.000 mW/cm ²
220 – 500 nm	11.000 mW	55.000 mW/cm ²

WE HAVE THE CURE

IST Metz GmbH
 Lauterstraße 14–18 | 72622 Nürtingen | Germany
 Tel.: +49 7022 6002-0 | Fax: +49 7022 6002-76
 E-Mail: info@ist-uv.com

IST France Sarl | info@fr.ist-uv.com
 IST (UK) Limited | info@uk.ist-uv.com
 IST America – U.S. Operations, Inc. | info@usa.ist-uv.com
 IST Italia S.r.l. | info@it.ist-uv.com
 IST Benelux B.V. | info@bnl.ist-uv.com

IST METZ UV Equipment China Ltd. Co. | info@cn.ist-uv.com
 UV-IST Ibérica SLU | info@es.ist-uv.com
 IST Nordic AB | info@se.ist-uv.com
 IST METZ SEA Co., Ltd. | info@th.ist-uv.com
 IST East Asia Co. Ltd. | info@jp.ist-uv.com

F901 02/20 EN Subject to technical modifications. IST and products/services marked with ® are registered trademarks of IST Metz GmbH.