

I-Cure UV - S

UV-Curing system



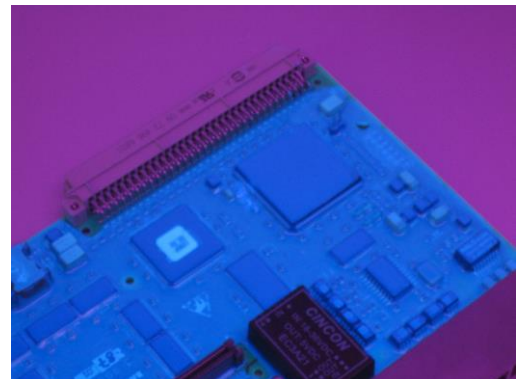
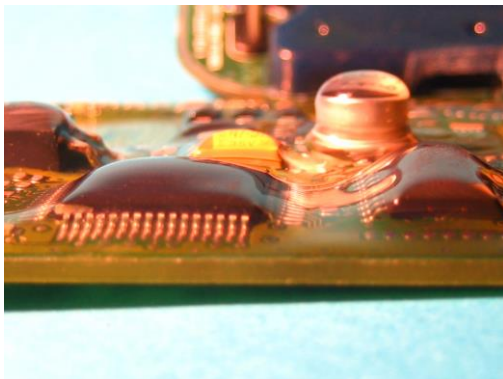
Curing

of the UV coating



Product use

- ✓ High-performance UV emitter
- ✓ Long-lasting UV emitter
- ✓ Fast curing
- ✓ Variable conveyor speed
- ✓ Wide light spectrum
- ✓ Few setting parameters
- Fast curing
- Less maintenance
- No buffer storage
- Adjustment of the light dose
- Crosslinking of many UV polymers
- Very easy handling



Coating facilities
Dosing systems
2K-Dosing system
Jet vents
Drying station
UV-Oven
Inspection systems
Coating sets
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The innovative and resource-saving I-Cure systems for curing UV coatings and activating surfaces combine efficient technology with the highest quality of results and significant cost reductions. We offer a wide range of transport widths, types of irradiation and degrees of automation – the ideal solution for every application.

I-Cure UV - S

UV-Curing System



Curing

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Das I-Cure UV-S is an economical crosslinking system. It is suitable for the UV curing of thick-film protective coatings on printed circuit boards / assemblies and for surface activation to increase the wettability of plastic surfaces. This standard model can be either stationary or integrated in a production line.

This device is available with either 1 or 2 UV lamps (Hg).

The maximum emitter power:

Up to size 130 cm = max. 120 W/cm.

From size 140 cm = max. 100 W/cm.

From size 160 cm = max. 80 W/cm.

A power switch from 50% to 100% is possible.

Standard version

- Ready to use, stable version with air cooling
- Solid, focusing aluminum reflector shells
- Easily replaceable faceted aluminum mirror surfaces
- Spotlight power indicator, digital speed display
- Control panel on the device, spotlight individually preselectable, operating hours counter
- Exhaust air duct, mains connection, customer protection
- CE conformity
- Operating instructions in German or English
- RAL 5002, blue and RAL 7035, gray

Special features / Technical details

- Per radiator max. 120 W/cm, from 140 cm 100 W/cm, from 160 cm 80 W/cm
- UV spectrum 200–400 nm (HG-UV emitter)
- PTFE conveyor with manual belt control, vacuum suction, ozone extraction
- Continuous conveyor belt speed 5–35 m/min.
- Intensive air cooling with temperature monitoring
- Lamp housing with double-sided light shields
- Stepless power control from 30% to 100% and stabilization (EVG)
- Power supply voltage: 400V, 50Hz

The required exhaust air line, the mains connection and the mains fuse are supplied by the customer.

EPSYS is a producer of manufacturing equipment and accessories for the process protective coating, drying and control. EPSYS offers the complete set-up and integration of the required components for assembly protection.

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