

## UV laboratory unit LABcure

**Need to carry out experiments with UV? Or you need to test new formulas for UV inks, varnishes or adhesives? Look no further!**

IST UV laboratory units have proved to be extremely valuable for research and development purposes over a number of years. Our unit is supplied as free-standing unit with a conveyor belt and manufactured at our production facilities in Germany. For daily use you only need to switch on the unit.



### LABcure at a glance:

- Lamp length 370 mm
- Lamp power: up to 200 W/cm
- URS reflectors
- Fast lamp change FLC®
- User friendly and easy maintenance
- Through pass height up to 50 mm

## LABcure features:

### MBS-5L LAMPcure

- The laboratory unit is equipped with a proven lamp unit. Max. lamp output is 200 W/cm.
- The lamp length is 370 mm and suitable for A4 products upright format.
- The distance between the lamp module and the conveyor belt can be easily adjusted using standard tools. Maximum height of the substrate is 50 mm.
- The laboratory unit is equipped with high quality URS reflectors.
- Lamp and reflectors are air-cooled. The exhaust air is led back to the room via an activated charcoal filter.
- Lamps are equipped with a fast lamp change system (FLC®).
- The laboratory unit is equipped with a mercury vapour lamp. Interchangeable UV lamps incorporating different doping resp. spectra (gallium, iron, lead) ensure optimum flexibility for UV energy output.

### Switch and control unit

- The lamp is controlled via an electronic ballast. Continuous adjustments of the lamp power (30 - 100%) is possible.
- All electrical components are incorporated into the unit.
- Electrical power supply is made by a 32 A Cekon plug.
- Besides electrical supply only compressed air is required.

### Conveyor unit

- The conveyor system is working with a movable sample table.
- The speed of the conveyor is steplessly adjustable from 4–200 m/min.
- Max. weight of substrates may be 1 kg.
- The LABcure can be positioned on a table. Please be aware of sufficient load capacity of approx. 170 kg.

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