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

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Updated: 23.04.25



Product information

macsStrips for Hg lamps

The macsStrips are UV-measuring strips for precise dose measurement of UV lamps. Specially optimised for mercury lamps (Hg), they offer a user-friendly way to reliably control the UV dose.

Key Features

- Based on innovative technology with delayed phosphorescent emission
- UV dose detection for mercury lamps
macsStrips 700 Hg: 200 - 700 mJ/cm²
macsStrips 100 Hg: 20 - 100 mJ/cm²
- Robust adhesive, also for vertical web paths
- Moisture & temperature stable:
Shelf life > 12 months at 30°C and up to 95% relative humidity, no fridge needed

Specifications

- Dimensions: 2 cm × 7 cm
- Thickness < 350 µm

Operating Conditions

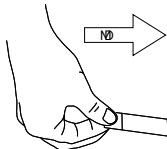
- Up to 60 °C during exposure
- Relative humidity up to 75%
- Readout time after exposure: up to 1h

Disclaimer: The macsStrips do not substitute quality assurance. They serve to verify previously defined doses of UV exposure. For best precision of measurement results keep all manufacturing conditions (speed, power, substrate) constant. For your safety, please read the detailed operating instructions for the macsReader.

Brief instructions

1. Prepare UV strips

Stick the strips onto the substrate, with grip tab facing opposite the machine direction.



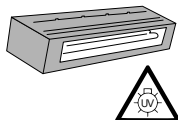
2. Calibrate UV strips

Place the device in calibration position 'C'. Follow the instructions on the display.



3. Irradiate UV strips

Irradiate the substrate with UV strips with the desired parameters.



4. Measure UV strips

Place the device in measurement position 'M'. Follow the instructions on the display.

