

Test UV strip

UV Measuring strips for UV dose measurements

Features

- Suitable for UV medium-pressure lamps, UV LED and UVC low pressure lamps
- Evaluation with Reference Card
- Optionally usable with or without filter film for different UV doses
- Self-adhesive

Advantages

- Versatile use
- Low initial costs
- A colour densitometer provided by the customer can be used for evaluation optionally
- Adhesive spot with high adhesive strength

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UV Measuring strips for UV dose measurements

Wherever space is extremely limited or in situations where electronic UV radiometers will not fit, the new Test UV strip has a distinct advantage (e.g. litho, web printing etc.) because their thickness is maximum 200 micrometers.

The UV dose (mJ/cm^2) can be measured with (high dose) or without (lower dose) the enclosed filter film: An extremely broad sensitivity range is consequently achieved.

Alternatively, the UV dose can be measured with an colour density meter (supplied by the customer) which is commonly available in most printing companies.

Application

One or more UV measuring strips are stuck to the substrate at the point where you want to measure UV. This means that measurements can be taken not only in places that are difficult to access or at shallow heights. The measuring strips are also used when, for example, the homogeneity across the width is to be detected.

Operation

The UV measuring strips change their colour from white to dark blue depending on the irradiation time and intensity. The evaluation is done visually with the Reference Card or with a densitometer provided by the customer and the enclosed dose graphs.

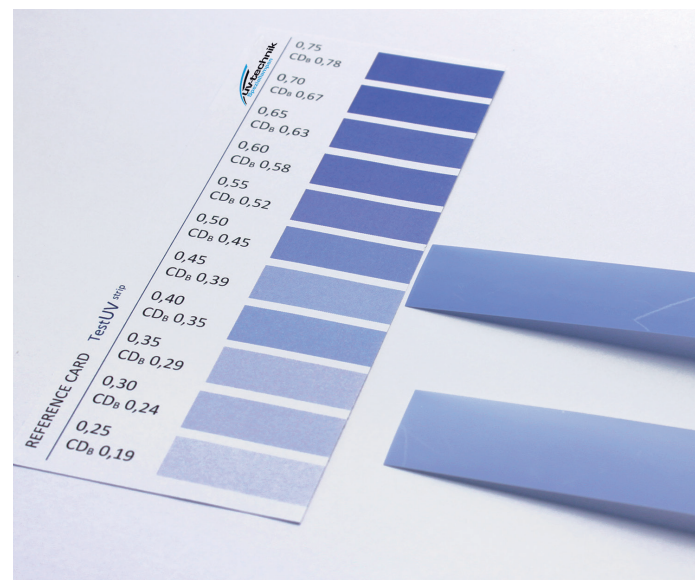
Delivery

10 pcs. UV measuring strips in zip lock bag, Reference Card, manual with dose graphs.



Technical data

Spectral ranges	Full UV; max. sensitivity at 330 nm
Measurable irradiations	4 to 60 mJ/cm^2 (without filter film) 60 to 900/5900 mJ/cm^2 (with filter film; UV lamp/UV LED 395 nm)
Size of Test UV strip	approx. 19 x 105 mm
Thicknesses UV measuring film Filter film	100 μm 80 μm
Recommended storage temperature	2°C to 15°C
Recommended storage time	max. 9 months from date of purchase





Disinfection

Drying

Curing

Control

Measuring







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