



# UV-Integrator Typ I

## Application:

The BELTRON UV-Integrators are used for registering of uv energy in uv-curers, uv-dryers, uv-exposure units, printing plate exposure systems, and other graphic machines. By testing the uv energy and modification of the production process false exposures and waste of material could be avoided.

## Design:

On the bottom side of the instrument a sensor is located who registers the uv energy. Special filter and foto diods absorb the visible as well as the infrared spectral range, so only the needed spectral range is measured. At the end the uv energy is display on a lcd display. A storage bag is included in the scopy of supply.

To secure a optimal utilization, we offer to our customers a regular calibrating service. This special offer is normally done within a few hours in our workshop and is based on measuring values of official calibration laboratories.

## Technical Information UV-Integrator Typ I

Display: 6-digit LCD-display 0 - 999999 mJ/cm<sup>2</sup>

Dimensions: 80 x 145 x 12 mm

Weight: approx 500 gr.

Switch: On / Off / automatic Off

Power supply: 3,6 V Lithium-Battery

Power consumption: 100µA (10.000 operating hours)

Casing: Aluminium casing chromium plated

Spectral measuring range: 250 - 410 nm (other ranges upon request)

**The UV Integrator Typ I is used successfully in:**

printing industry, electronic industry, plastic industry, building materials industry, textile industry, packaging industry, pharmaceutical industry, automotive industry, glass industry and engineering.

*These are just a few examples from the various partner portfolio of Beltron.*

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