

# UV-INTEGRATOR (with heat-protection shield)

## I N S T R U C T I O N   M A N U A L

UV-Power of light source is registered by a Photodiode. A computer is transmitting the UV-energy in electrical working units Joule. So the effective UV-quantity which is necessary to harden a UV-sensitive emulsion during a time can be determined. The display shows this energie-rate in Millijoule/cm<sup>2</sup>.

### HOW TO USE

- By using the START-switch the integrator is ready to work.
- Integrator have to be put under the light source.
- After end of exposure you can read the UV-quantity during the exposure time.
- To reset the integrator you have to switch off.
- If the integrator is used in a UV-drying machine, you have to use heat-protection shield.

**Attention:** in a UV-drying machine only to used with heat-protection shield

**Attention:** short time max. integrator temperature 20° - 70° C

### TECHNICAL DETAILS

#### Possibilitys :

UV-Diazo	350 - 460 nm	max. sensitivity 410 nm
UV-A	315 - 400 nm	max. sensitivity 360 nm
UV	250 - 410 nm	max. sensitivity 365 nm

#### Messure :

Diameter : 140 mm  
High : 10 mm

Weight : 260 g

Power : Lithium battery for ca. 10.000 usable hours.

Measuring range: 0 - 5000 mW/cm<sup>2</sup>

Disply : 0 - 999 999 Millijl.