

## UV-Meter Silver Line Series

(also available for LED measurement up to 20 W/cm<sup>2</sup>)

- + UV intensity mW/cm<sup>2</sup>
- + 2 channel x1/x10
- + auto off
- + re-chargeable accu cell



The UV-Meter Silver Line is a high quality UV measuring instrument. It is used for the measurement of the intensity of UV light.

All measurements are expressed in mW/cm<sup>2</sup> in order to compare light sources or to check uniformity of the light emission.

Typical application fields are the control of units for the exposure of diazo, polymer, chromaline and daylight films in the graphic arts industry, suntan equipment, sterilisation units and other fields of photo biology.

### Special feature:

In order to save battery energy, the UV-Meter Silver Line will turn off automatically after one minute.

The UV-Meter Silver Line is available as a standard in various different measuring ranges\*:  
(Please state upon order)

6.2.1. UV-Meter Silver Line Diazo	350 – 460 nm
6.2.2. UV-Meter Silver Line UV-A	315 – 410 nm
6.2.21. UV-Meter Silver Line UV	380 – 420 nm
6.2.3. UV-Meter Silver Line UV-B	280 – 315 nm
6.2.4. UV-Meter Silver Line UV-C	230 – 280 nm
6.2.5. UV-Meter Silver Line Full UV	230 – 410 nm
6.2.6. UV-Meter Silver Line UV-V	395 – 445 nm

### \*further spectral ranges available upon request

The display readings are fictitiously. The basic setting is done by means of a potentiometer.

### Technical Data:

Max. Power input :	sensor input 2000W/cm <sup>2</sup>
Wavelength:	315 – 410 nm UV-A (or other)
Temperature:	0 - 45 C
Display:	2x16 Digits
Range X 1 :	0 - 199,9 mW/cm <sup>2</sup>
Range X 10 :	0 - 1999 mW/cm <sup>2</sup>
Weight:	approx. 200 grams
Battery:	3.7 Volt LiPO Accu Cell
Dimensions:	140 mm x 70 mm x 13 mm
Sensor cable:	1 meter
Sensor Ø	40 mm x 10 mm
Base Accuracy:	± 5 %

The probe-type sensor of the UV-Meter can withstand max. 110° C / 132° F for up to 10 seconds. The temperature of the housing should not exceed 45° C / 122° F.

### Calibration:

In order to keep its full function and precision it is recommended to have re-calibration done once per year. Re-calibration will also be necessary after change of battery. Ongoing, PTB traceable calibration with certificate

**\*also available up to 20 W/cm<sup>2</sup>, display resolution in relation to maximum power input**

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