

## UV-Meter Online

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

- + UV intensity mW/cm<sup>2</sup>
- + 3 channel x1/x10/x100
- + USB connection for online display
- + re-chargeable accu-cell
- + auto off



The UV-Meter Online is a high quality UV measuring instrument.

It is used for the measurement and display 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. Via USB connection the measurement data can be permanently displayed online on a PC

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 Online will turn off automatically after approx. five minutes.

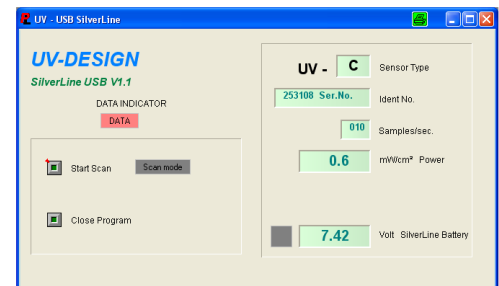
As a standard, the UV-Meter Online is available in six different measuring ranges\*:  
(Please state upon order, **\*further ranges available upon request**)

6.7.1 UV-Meter Online, Type 1, Diazo	350 – 460 nm
6.7.2 UV-Meter Online, Type 2, UV-A	315 – 400 nm
6.7.3 UV-Meter Online, Type 3, UV-B	280 – 315 nm
6.7.4 UV-Meter Online, Type 4, UV-C	230 – 280 nm
6.7.5 UV-Meter Online, Type 5, UV	230 – 410 nm
6.7.6 UV-Meter Online, Type 6, UV-V	395 – 445 nm

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

### Technical Data:

Max. Power input :	sensor input 200/2,000/20,000 mW/cm <sup>2</sup>
Wavelength:	230 – 410 nm (or other)
Temperature:	0 - 45 C
Display:	2x16 Digits
Range X 1 :	0 – 199.9 mW/cm <sup>2</sup>
Range X 10 :	0 – 1,999 mW/cm <sup>2</sup>
Range X 10 :	0 – 19,999 mW/cm <sup>2</sup>
Weight:	approx. 200 grams (8 ounce)
Battery:	3.7 Volt LiPO accu cell
Dimensions:	140 mm x 70 mm x 13 mm (5.5" x 2.75" x 0.5")
Sensor cable:	2 meter (80")
Sensor Ø	40 mm x 10 mm (1.5" x 0.4")
Base Accuracy:	± 5 %



Online display

The probe-type sensor of the UV-Meter can withstand max. 110° C / 213° F for up to 10 seconds. The temperature of the housing should not exceed 45° C.

### 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**