

UV-Meter Silver Line Series

(also available for LED measurement up to 20 W/cm²)

- + UV intensity mW/cm2
- + 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.

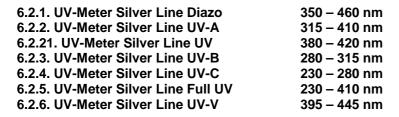
All measurements are expressed in mW/cm² in order to compare light sources or to check uniformity of the light emission.

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)



*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/cm²
Wavelength: 315 – 410 nm UV-A (or other)

Temperature: 0 - 45 C Display: 2x16 Digits

 Range X 1 :
 0 - 199,9 mW/cm²

 Range X 10 :
 0 - 1999 mW/cm²

 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 \varnothing 40 mm x 10 mm

Base Accuracy: $\pm 5 \%$

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/cm², display resolution in relation to maximum power input

Subject to change without prior notice © 2014-01

UV-DESIGN (Office) Triebstrasse 3 63636 Brachttal GERMANY Tel.: +49 (0)6053 619824 Fax: +49 (0)6053 619820 (Office & Workshop) UV-DESIGN Fabrikstrasse 12 63636 Brachttal GERMANY Tel.: +49 (0)6053 8095431 Fax: +49 (0)6053 8095433