

UV-A TESTER

Professional handheld uv-a meter



**Handheld with 3,5”
digit liquid crystal display**

This handheld is a portable easy use 3,5” digit, compact-sized digital UV-A meter, designed for simple onehand operation.

The meter provides measurements in 199.9 $\mu\text{W}/\text{cm}^2$ 1.999 mW/cm^2 and 19.99 mW/cm^2 units, MAX-HOLD and DATA HOLD facilities.

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Prior to taking a UV-A reading, make sure that the lamp has been working for at least 5 minutes. Depending on the ambient temperature, it can take up to 5 minutes for a UV-A lamp to reach its full UV-A output.

- 1 Remove the sensor cover on the backside of the UV-A meter
- 2 Switch the meter on by pressing the **MEAS** button
- 3 Select the range by pressing the **RNG** button twice to Hi, so you will see two decimals behind the decimal point (ie: 0.00). This will now measure from 0 to 19,99 mW/cm².
- 4 Press the **MAX** button so you will record the highest output value shown in the display. will appear in the display at the top of the screen.
- 5 Now swipe the sensor head (white - round head) slowly along the glass of the lamp from left to right. The sensor head should be touching the glass during this operation.
- 6 Then press the **HOLD** button. H will appear in the top of the screen. (This step is optional if you have pressed the MAX button, but it holds the reading longer in the display)
- 7 Now you can read the UV-A output value.
- 8 To take the next reading, press HOLD button again to turn off HOLD. (It now disappears from the top of the screen) Press also MAX to clear the reading. Then repeat step 1 to 7 above.



Specifications

Technical name	: hand-held UV-A meter
Display	: 3,5" digit liquid crystal display (LCD) with maximum reading of 1999.
Over range	: "OL" is displayed.
Low battery indication	: The "battery indicator" is displayed when the battery voltage drops below the operating level.
Sensor type	: photo diode
UV sensor spectrum	: 320 - 400 nm
Wavelength Peak	: 365 +/- 5 nm
Accuracy	: max 4% of max. scale
Ranges	: 199.9 µW/cm ² , 1.999 mW/cm ² , 19.99 mW/cm ²
Dimensions	: 155 x 48 x 24 mm
Weight	: 82 gram (without batteries)
Power	: battery operated (3 x LR6)
Temp operation conditions	: 0 to +50 °C at < 75 % relative humidity.
Temp storage conditions	: -20 to +60 °C, 0 to 80% R.H (without battery in meter)
Guarantee	: 1 year return to base
CE-approval	: yes