

# UVM3059

## Digital UV light meter

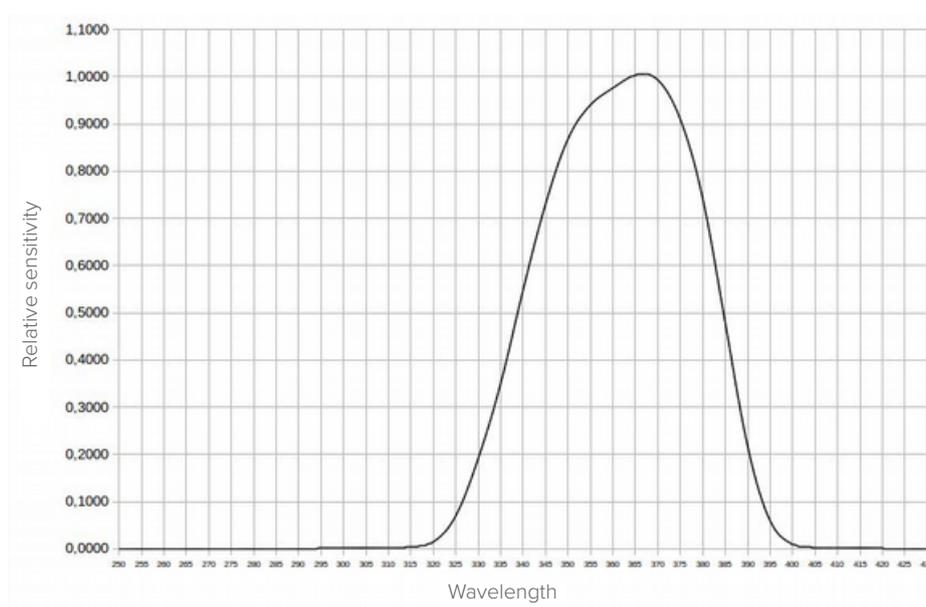
The UVM3059 is designed for measuring ultraviolet radiation, primarily for use in non-destructive material testing. It was developed according to the specifications of ISO 3059.

The housing is dust and splash-proof according to protection class IP54. The optical sensor is integrated into the surface of the meter.



### PRODUCT PROPERTIES

<b>Display</b>	backlit digital graphic display, 160 x 64 px
<b>Power supply</b>	9V block battery (PP3, 6LR61)
<b>Current consumption</b>	max. 16mA
<b>Battery life</b>	approx. 50 hours measuring time (at medium display brightness)
<b>Automatic switch-off</b>	after 5 minutes
<b>Measuring range</b>	0.5 - 100 W/m <sup>2</sup> , 50 - 10,000 μW/cm <sup>2</sup> , 0.05 - 10 mW/cm <sup>2</sup> (each range individually selectable)
<b>Light sensitivity</b>	UV-A radiation with 365 nm wavelength (see chart below)
<b>Languages</b>	Operator's menu available in English, German, and French
<b>Dimensions</b>	120 x 65 x 22 mm (in its plastic housing)



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## **SPECIFICATION COMPLIANCE**

- ISO 3059
- ASTM E1417
- ASTM E1444
- ASTM E2297
- ASTM E3024
- NADCAP AC7114/1
- NADCAP AC7114/2

The UVM3059 is calibrated to an accuracy of  $\pm 5\%$  for ASTM and NADCAP requirements.

## **INSTRUCTIONS FOR USE**

Switch on the device by pressing the central button underneath the display screen; the device is immediately ready to measure.

Switch off the device by pressing the button again. If the device is not switched off, an Auto-Power-Off is performed after 5 minutes.

Hold/place the device flat in the illuminated area. The measured value is shown on the display.

If necessary, adjust the contrast and brightness of the display using the two buttons located under the battery compartment cover.

To replace the battery, you must unscrew the battery compartment. (due to protection class IP54).

## **PART NUMBER**

133200

Calibration certificate included.