

UV Disc

Integration Device with Integrated Heat Detector for Measurement of UV Illumination Dosage

Applications:

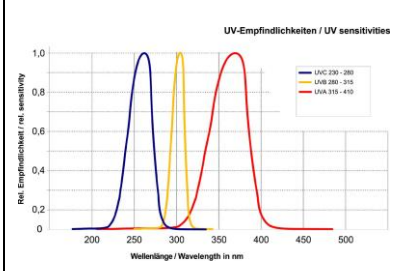
This UV Measurement Device allows the user to check output levels of UV low-pressure lamps.

The device is intended for use wherever UV low-pressure lamps (uv-fresh©) are employed to provide UV-C irradiation for the purpose of decontamination.



The UV Disk is placed or attached to a surface in such a way that the UV sensor on the back of the device is facing the UV lamp to be tested. It records the light that comes in contact with the sensor, and integrates the data during the irradiation period. The total irradiation level (UV dosage) is subsequently displayed in mJ/cm². Through regular measurement of output, the correct time to replace worn UV lamps can be determined.

Technical Data:

UV Disk for UV Induration Applications	
UV Measurement Range	Article Number
C	A003729
	Spectral Range
	UV-C 230 – 280 nm
Display	6-digit LCD Display
Measurement Range	1 – 500,0 mW/cm ²
Display Range	1 – 999.999 mJ/cm ²
Spectral Measurement Range	
Heat Shield	integrated
Max. Proximal Temperature	110° C for 10 sec.
Measurement Precision	± 5%
Energy Supply/Consumption	Lithium battery 3.6 V / 100 µA (up to 10,000 operating hours)
Housing	Aluminium
Dimensions / Weight	Ø 90 mm, height 12 mm / approx. 140 g
Included with Delivery Unit	Battery, Synthetic Transport Bag, Calibration Certificate
Calibration	Equivalent to DIN EN ISO / IEC 17025; traceable to the PTB.

Note : The UV Integrator disc is also available in small quantities and individually designed Surfaces (for example with company logo).