PHOTONWARES

UV-A High Power Intensity Meter for Spot Curing

- Measure UV intensity up to 10W/cm² or 40W/cm² (Extended Range)
- Covering 290nm to 390nm, the UVA band
- Accepts multiple light guide/lens head sizes
- Battery-powered long-lasting
- Measure UV lamp to achieve repeatable curing process
- Meet ISO 9001 requirements

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This UV intensity meter is specially reconfigured to measure high power UV spot curing light intensity. It cost-effectively provides the operator with instant feedback as to the performance of the spot curing system to obtain better repeatability and prevent curing problems. In operation, the UV head is insert into a matching holder (included with our brand of head) or kept at a fixed distance from the instrument for other brand of heads. Various Adapters inserts are available to accommodate the standard light wands on the market. When the green "On" switch is depressed, an intensity measurement is displayed in W/cm². When the "HOLD" switch is pressed, the measurement is frozen. The instrument has a LDC display back illumination light switch for viewing in a dim environment. This flexibility allows the instrument to be used in a variety of monitoring applications.

The accuracy of UV meter measurements can be influenced by the way light enters the sensor. Therefore, it is recommended that the unit be calibrated based on the specific application setup to ensure precise and reliable results.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Wavelength	290nm-390nm
Measure Range	<20W/cm²
Accuracy	± 5% typical
Resolution	10mW/ cm²
Sample Time	<0.4sec
Power Supply	3V, 2 AAA batteries
Operating Temperature	-10 to + 65°C Case
Storage Temperature	-40 to +85°C
Weight	~100g
Dimensions	23mm x48mmx133mm

ORDERING INFORMATION

Prefix	Type	Maximum Power	Adaptor				
	3 0 0	☐	☐	0	0	0	0
UVPM-		20W/cm² = 1 20mW/cm² = 2	Agiltron head = 1 None = 2 Special = 0				

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