



ENERGY METER FOR UV CURING



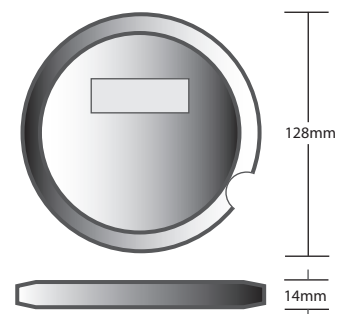
The OAI UV Energy Meter is a compact meter used for measuring output from a variety of different light sources including the irradiance emitted from a mercury-xenon lamp. It is a small, flat, fully integrated instrument that is ideal for use in a stationary position as well as on a moving conveyor. The UV sensor is located on the bottom of the instrument with the data display window mounted on the top.

This cost-effective device is ideal for monitoring UV energy levels on coatings, printing inks, adhesives and drying applications. Precise measurements are accomplished in the 250-410nm range with peak performance at 365nm. Output measurement is from 0 to 999,999mj/cm² using a durable 6-digit LCD. This small, rugged meter can withstand high temperature environments (to 110°C) for up to ten seconds of continuous exposure. Simply retrieve your energy meter after exposure to the UV light source and view test data. Upon turning the meter back on, the display will once again display 0, and the next measurement may be taken without delay.

Designed for long term dependability, the OAI UV Energy Meter is powered by a long-life 3.6V lithium battery with an estimated battery life of 30,000 hours.

Specifications:

Spectral Range:	UV250-410nm
Measurement Range:	0-5,000 mw/cm ²
Display:	0-999,999mj/cm ²
Power Source:	3.6V lithium battery
Power Consumption:	100µA
Battery Service Life:	30,000 hours
Dimensions:	128mm dia. x 14mm thick
Meter Weight:	500gr
Temperature Range:	0 to 45° C
Heat Protection:	Heat shield on back plate
Base Accuracy:	±5%



Special features

- Compact, light weight and simple to use
- Accurate measurement to 999,999mj/cm²
- Digital LCD UV energy readout
- Captures and retains peak energy during exposure
- Fully integrated - no probe required
- 30,000 hour lithium battery life for long service life
- Temperatures to 110°C for up to 10 seconds
- High speed data measurement
- Durable carrying case
- One-switch operation

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