



UV LIGHT & ENERGY METER

For use with all Wafer Steppers



Model 659

For over 45 years, OAI is a world leader in UV Light & Energy Measurement Instrumentation used for reliable accurate calibrated control of the photolithography processes in the Semiconductor, MEMS, Wafer Packaging and Wafer Bumping Industries. The *New Model 659* is an advanced UV exposure analyzer specifically designed for use with all wafer steppers including high intensity wafer steppers. This meter averages up to 400 exposure readings, has Ethernet and USB interface for downloading recorded measurements, and has intensity range of up to 7,500mW/cm². Probes are available in wavelength of 365nm, 400nm, 420nm & 436nm.. OAI has a complete certified calibration lab to maintain the performance, quality and reliability of our meters. The Model 659 meter is traceable to NIST standards.

METER SPECIFICATIONS

USER INTERFACE: Touch Screen

COMPUTER INTERFACE: Optional ethernet & USB for downloading recorded measurements

POWER:	Battery Operated with rechargeable 3.7V Lithium Ion with charge protection
CHARGER POWER:	100-240 VAC
DISPLAY SETUP:	2 Screens <ol style="list-style-type: none"> 1. Set up Screen - ethernet address, date, and time 2. Run Screen – wavelength, intensity, time, dose, probe temperature, probe type, percent of deviation, serial number, calibration due date, battery status, probe serial number, and charger status.
MEMORY STORAGE:	Up to 400 reading
INTENSITY RANGE:	Up to 7,500mW/cm²
INTENSITY RESOLUTION:	0.01mW/cm²
DOSE RANGE:	Up to 1000 J/cm³
DOSE RESOLUTION:	0.01mJ/cm³
TIME RANGE:	Up to 9999 seconds
TIME RESOLUTION:	0.0001 seconds
MINIUM DOSE EXPOSURE	25 m seconds
DIMENSIONS:	14" X 8.25" X 3.5"
WEIGHT:	3.5 lbs
OPERATING ENVIROMENT:	15 – 40 degre
COMPLIANCE:	ROHS2 & CE (EMC & safety)

PROBE SPECIFICATIONS

Options:	Non compensated temperature probe
PROBE DECTOR:	Silicon photodiode

AVAILABLE WAVE LENGTHS (nm) 365, 400, 420, 436

FILTERS: Multilayer absorption/dielectric

INTENSITY RANGE: Up to 7,500mW/cm2

**INTERCHANGEABILITY: Any Model 659 probe can be used with any of
the 659 meters**

COMPLIANCE: ROHS2 & CE (EMC & safety)

Contact OAI: www.oainet.com

sales@oainet.com

464 South Hillview Drive, Milpitas, CA USA

408- 232 0600