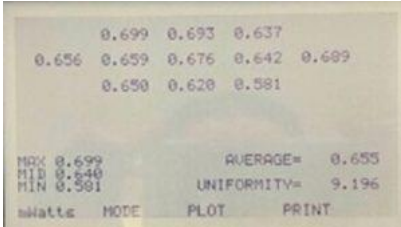




The Model 511 Profiler

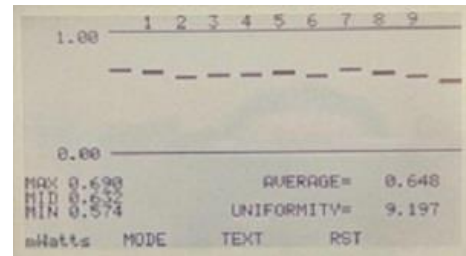
The Model 511 automatically calculates, records and display measurement values normally recorded by hand. A computer interface allows data to be directly downloaded from the Model 511 to a computer.

The 511 measures in real time both mw/cm2 and mj/cm2 in 2 modes.



In the numerical mode, mw/cm2 or mj/cm2 actual values are displayed across the exposure surface.

In the bar graph mode, easily recognizable variances across the exposure plane are displayed.



Probes Options

For UV Curing and "Flood Exposures"

- 4 inch circular probe with 9 sensors array
- 6 inch circular probe with 11 sensors array



For Canon Lithography Systems



6 inch with 11 sensors in arc array

This means, if you are doing uniformity measurements, the Model 511 will provide mw/cm2 or mj/cm2, average value, percent uniformity, Min, Mid, Max, in real time data.

Data review is simple with single button prompts to move back and forward between different screen modes.

Features

- $\pm 3\%$ NIST Calibration Accuracy to 3 Sigma
- 1% linearity over dynamic range
- Cosine Response Probes
- Real Time Measurements
- Measures both MW/CM² and MJ/CM² using Mode selection button
- Displays average value and uniformity %
- Displays Max, Mid and Min values
- Range scale: .001 to 1999.9 mw/cm² and .001 to 1999.9 mj/cm²
- Available wavelengths are 365nm, 400nm and 420nm. Other wavelengths are available by special request.
- Probes are available in either 6-inch diameter with 11 sensors or 4-inch diameter with 9 sensors. Other probes are available
- Backlit display makes reading easy in any light
- Charger operates from 90-240 VAC, 47-63 Hz with UL, CE, and TUV approvals

“G & R Labs is an ISO 9001-2015 certified company dedicated to measuring light and producing NIST traceable and repeatable light measurement instruments.”

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