

# G & R Labs

Light Measurement & Calibration

## Model 221 Data Sheet



### The Model 221 MW/CM<sup>2</sup> & MJ/CM<sup>2</sup> Meter

“**Stratsys(Objet):** The Model 221 is the calibration tool used for Stratsys(Objet) 3D printers.”

The Model 221 Intensity Meter is an all metal case. This unit operates from a single 9-volt battery and meets all the requirements of IEC, UL, CE and CSA. The measurements are in MW/CM<sup>2</sup> and MJ/CM<sup>2</sup> in two scales going from .01 to 2,000 MW/CM<sup>2</sup> or MJ/CM<sup>2</sup>. The MJ/CM<sup>2</sup> readings are accumulate. A single pulse MJ/CM<sup>2</sup> setting is selectable.

The Model 221 uses the **thin** 365nm wavelength probe.

### Specifications:

#### Switch Functions:

- Power-On
- MW/CM<sup>2</sup>, MJ/CM<sup>2</sup>
- 200, 2,000
- Reset

#### Display

- LCD 4,5 digit with low battery

#### Range

- 200 - 1.00 to 199.99
- 2,000 - 10 to 1,999

#### Power

- One standard 9-volt battery

#### Probe

- 365nm wavelength thin probe

#### NIST Traceability

- ±3.0%

#### Meter Dimensions

- 6.0 in. x 2.75 in. x 1.13 in.
- Comes in carrying case