

J-Series Ultraviolet Meters

The J-Series UV meters are photovoltaic devices for taking accurate and repeatable readings of UV light sources in either the 365nm or 254nm UV range.



Applications

- Quality Control

Main Features

- J-225 Meter measures the intensity of shortwave UV (254nm). Each meter comes with a sensor, attenuation screen and filter. This meter's sensor is sensitive within a range from 220 to 280nm with maximum sensitivity at 254nm
- J-221 Meter measures the intensity of longwave UV (365nm). The sensor is sensitive from 300 to 400nm with a peak sensitivity at 365nm. J-221 Meter complies with MIL STD 45662-A and can be found in MIL-I-6868D (NSN 6635-488-5451)
- Each meter features two scales for low and high intensity readings
- For remote readings, a four foot (1.2m) cord connects the sensor to the meter
- Two scales measure a wide range of intensity
- An infrared filter assures accurate readings when measuring light sources producing infrared radiation
- The 5X attenuation screen can be used for very high intensity lamp measurements
- Meters are self-powered for maximum portability

Specifications

Power: *J-225 Meters: Measures 254nm UV*
Photovoltaic *J-221 Meter: Measures 365nm UV*

Dimensions: *3H x 3D x 3W in. (76 x 76 x 76mm)*
Weight: 9 oz (0.25kg)

Options

All meters and sensors are individually serialized for traceability of calibration. Calibration is recommended every six months and is certified to meet UVP's published standards and is traceable to NIST. Calibrations are performed at UVP's factory.

Part Numbers	
Part Number	Model
97-0003-01	J-221 365nm Longwave Meter
97-0004-01	J-225 254nm Shortwave Meter