UV INTENSITY METERS

The measurement of the UV irradiance is the most effective way to monitor the useful life of any UV light source. UVP meters ensure maximum operating efficiency of any UV system.

UVX Digital Radiometers

Digital UVX Radiometer is used with one of the three interchangeable sensors for measuring shortwave (254nm), longwave (365nm) and midrange (302nm) UV wavelengths.

- Choose from three sensors: UVX-25 shortwave, UVX-32 midrange or UVX-36 longwave
- The UVX range switch provides selection from three intensity ranges:
  - 0 to 20 mW/cm^2
  - 0 to 2000 μW/cm^2
  - 0 to 200 μW/cm^2
- The attenuator extends the reading range up to 200mW/cm^2
- The UVX Radiometer is powered by a 9-volt battery for up to 120 hours
- A port for a chart recorder allows continuous monitoring

Recalibration of meters/ sensors is recommended every six months.

Dimensions:	6.2L x 2H x 3.6W in. (157 x 51 x 91 mm)
Sensor Cable Length:	3 feet (0.9 m)
Weight:	9.4 oz (0.3 kg)
Display:	3.5 digit LCD
Operating Environment:	Temperature: 0 to 50°C Humidity: 5% to 90% Relative Humidity

UVX Radiometer *Select from three UV sensors.*

Ordering Information	
UVX Radiometer	97-0015-02
Attenuator, 10:1	98-0035-01
9V Battery	45-0012-01
UVX-25 Sensor Calibration Point: 254nm Bandpass: 250-290nm	97-0016-01
UVX-31 Sensor Calibration Point: 310nm Bandpass: 280-340nm	97-0016-04
UVX-36 Sensor Calibration Point: 365nm Bandpass: 335-380nm	97-0016-02

J-Series Analog UV Meters

J-221 and J-225 UV Meters *measure UV sources*

Ordering Information	
J-221 Longwave Meter 365nm UV	97-0003-01
J-225 Shortwave Meter 254nm UV	97-0004-01

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

J-Series meters are photovoltaic devices for accurate and repeatable readings of shortwave and longwave UV sources. The durable plastic housing withstands heavy, sustained use.

- Self-powered for maximum portability
- Two scales for low and high intensity readings
- A three foot (0.9m) cord connects the sensor to the meter for remote readings
- 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
- All meters and sensors are calibrated to meet UVP's published standards and NIST
- **J-221** Meter measures the intensity of 365nm longwave UV. The sensor is sensitive within a range of 300-400nm with a peak sensitivity at 365nm. Intensity readings are 0-1200 μW/cm^2 (A Scale) and 1000-6000 μW/cm^2 (B Scale). J-221 Meter complies with MIL STD 45662-A
- **J-225** Meter measures the intensity of 254nm shortwave UV. The sensor is sensitive within a range of 220-280nm with peak sensitivity at 254nm. Intensity readings at 0-2400 μW/cm^2 (A scale) and 2000-12000 mW/cm^2 (B Scale)

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Use the above details to contact us if this literature doesn't answer all your questions.

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.