

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

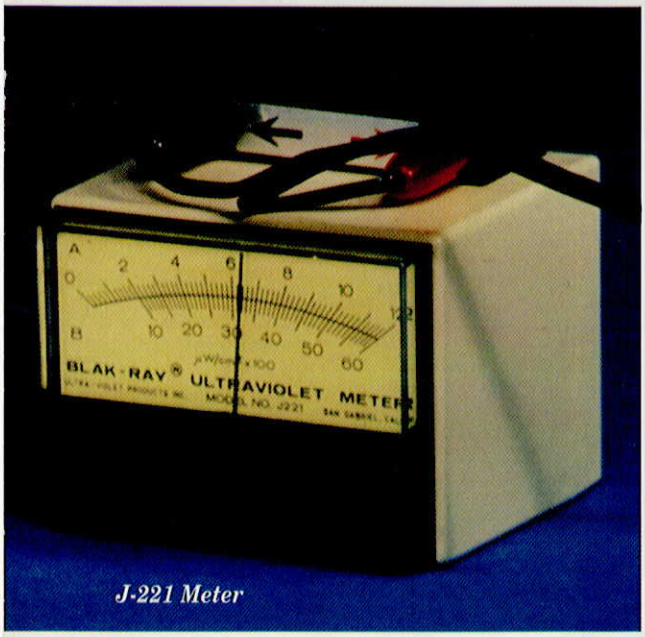
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Find the *UVP J-221* at our website: ***Click HERE***

UVP designs, develops, and manufactures ultraviolet products and related equipment for science and industry.

J-221/J-225 Meters

Ultraviolet intensity meters



J-221 Meter

UV Light Measurement

The Blak-Ray® UV intensity meters are designed to accurately measure the emissions of UV sources. Whether your application need is monitoring uniform intensity, maintaining absolute intensity minimums, or identifying gradual intensity drops, the J-221 Longwave UV Meters and the J-225 Shortwave UV Meters are the long-standing industry leaders.

Longwave intensity readings are made with the J-221 Meter, which complies with MIL STD 45662-A and can be found in MIL-I-6868D (NSN 6635-488-5451). The sensor included with the J-221 is sensitive within a range of 300nm to 400nm with a peak sensitivity at 365nm.

The J-225 measures the intensity of shortwave UV light sources. Its sensor is sensitive within a range of 220nm to 280nm with a peak sensitivity at 254nm.

The sensor plugs directly into the top of the meter-housing. For remote readings in locations difficult to reach, a three-foot extension cord connects the sensor to the meter.

Blak-Ray UV Intensity Meters are serially numbered and shipped with a calibration report. Calibration is certified to meet UVP's published standards and is traceable to the National Institute of Standards and Technology (NIST). In UK or other European facilities, traceability to National Physical Laboratory (NPL) is available.

Calibration

In most cases, meter accuracy is dependent upon user care, temperature variations, and humidity. As with any precision instrument, continued use requires maintenance for true reading dependability. UVP provides a calibration service which consists of a diagnosis of the instrument's operation and a readjustment of the internal settings. Both the sensor and the meter are calibrated as a pair. Calibration is recommended at six month intervals. The average turn around time is ten working days (excluding shipping). NOTE: In order to maintain *direct* traceability to NIST standards (or NPL in Europe), meters must be returned to UVP for calibration. UVP's warranty will remain intact only if calibration is performed by the UVP calibration lab.

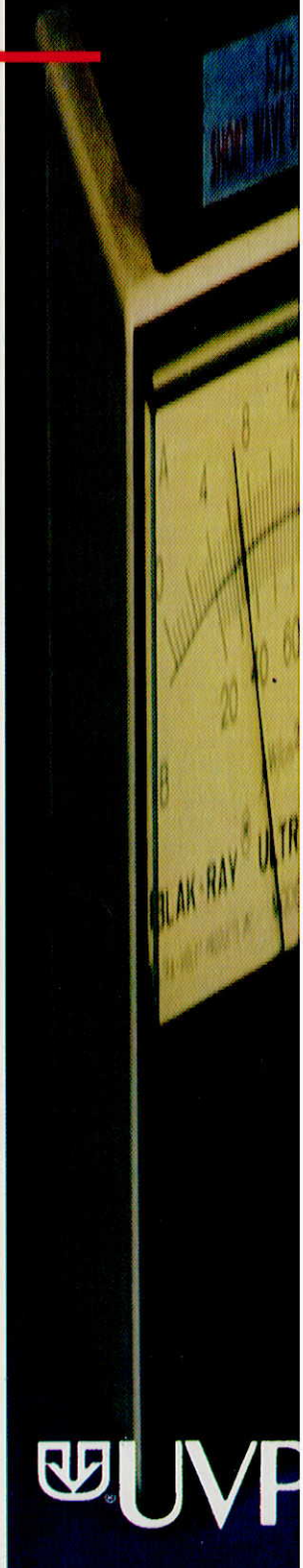
Features

- The certificate of calibration accompanying each new meter shows compliance with NIST traceability requirments and UVP published standards.
- Accuracy of ±10%.
- The durable plastic housing withstands heavy, sustained use.
- The three-foot extension cord with plug-in sensors makes remote readings easy.
- An infrared filter assures accurate measurement.
- Two scales measure a wide range of intensity.
- Includes a 5X attenuation screen for measurement of high intensity UV.
- Each meter is individually serialized for traceability of calibration records.

Applications

Intensity meters for measuring shortwave and longwave ultraviolet radiation in:

Nondestructive testing • Laboratories • Food industries • Pharmaceutical industries • Quality control • Sterilization processes • Aerospace applications • Military certification requirements • Environmental monitoring



UVP

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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