

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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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Visit our website - *Click HERE*

The Wayback Machine - https://web.archive.org/web/20140821074730/https://www.newport.com/1-MHz-Large-Area-Balanced-Photoreceivers/917802/1033/info.aspx

1 MHz Large-Area Adjustable-Gain Balanced Photoreceivers

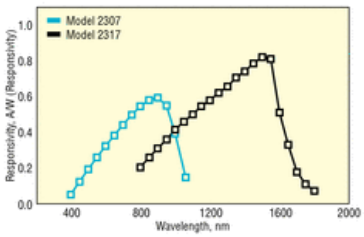
- Reduces common-mode noise by 40 dB so you can see your signal
- Large-area diodes for easy alignment
- Adjustable gain settings

Contact Us **Feedback**

The Models 2307 and 2317 large-area balanced photoreceivers take the headache out of aligning (and re-aligning) your beams onto the photodetectors. Now you can tweak your experiment without worrying about beam wander. And just like all our other balanced photoreceivers, they are ideal for coherent heterodyne-detection applications including doppler LIDAR, and can make the difference when you need to see a small signal.

Just like our other balanced photoreceivers, the Models 23x7 balanced photoreceivers work by subtracting the photocurrent from two well-matched photodetectors. Common-mode noise that is present on both the reference and signal beams (such as laser intensity noise) is cancelled out and doesn't appear as part of the signal. Any imbalance between the photocurrents generated by the reference and signal photodetectors, whether intentional or unintentional, is ampli&#65533;?ed and is seen as the signal. These Models 23x7 photoreceivers provide higher gain than their wider-bandwidth balanced photoreceiver counterparts.

For your convenience, the Model 23x7 balanced photoreceivers can run off batteries or your own DC power supply. To ensure safe operation, we strongly recommend our Model 0901 power supply.



ILX Lightwave New Focus Newport OPHIR ORIEL INSTRUMENTS Richardson Gratings Spectra-Physics

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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!

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We're here to make your life easier. How can we help you today?

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