

POWER TESTING INSTRUMENTS THAT PERFORM



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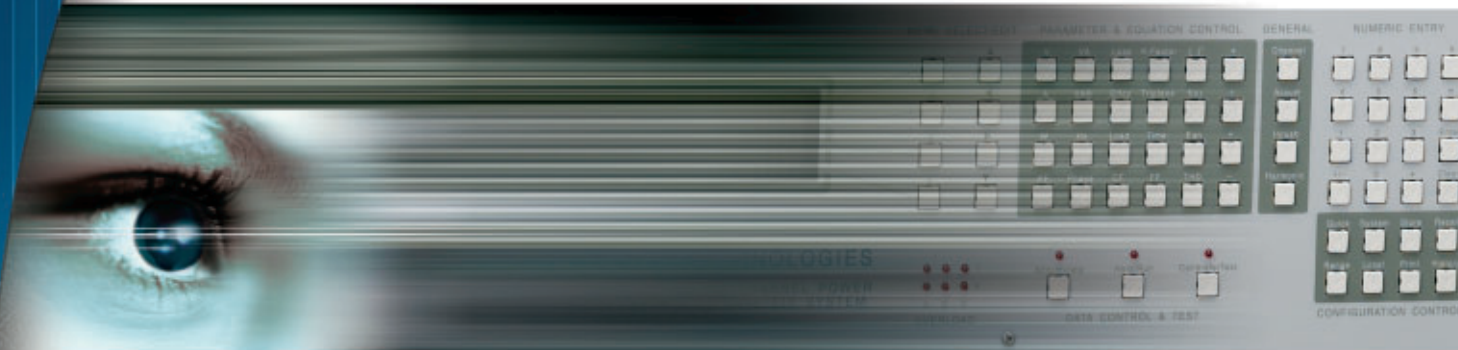
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Global Representation



POWER TESTING INSTRUMENTS THAT PERFORM



Today's leading electronics manufacturers have discovered the advantage of performing power measurement and testing right on the production line using advanced instruments designed, engineered and built by XITRON TECHNOLOGIES.

QUALITY AND RELIABILITY

XITRON TECHNOLOGIES, founded in 1990, is the premier source of precision power testing and measurement equipment for industrial manufacturing and medical electronics. Using the latest digital signal processing and circuitry, XITRON's sophisticated technology gives companies the edge in design verification and product manufacturability. XITRON is ISO-9001, EN46001 registered, and FDA (GMP 820) compliant.

XITRON maintains its leadership through a company-wide commitment to design and production of 'first-to-market' products and ideas. We invest significant time and resources into continuous product improvement, giving our customers access to both standard and custom products that consistently meet and exceed specifications and expectations.

We regularly introduce important new tools, tools that are designed to lead the way in testing and quality control. Our leadership begins long before design by listening carefully to our customers. The solutions we have pioneered to meet their specific needs are routinely incorporated into our product line. This 'field responsive' process allows us to provide a greater degree of precision than ever before, an important benefit as more companies manufacture products to tighter testing tolerances.



XITRON REAL-TIME ACCURACY AND VERSATILITY BELONGS ON YOUR MANUFACTURING LINE

WHY COMPANIES CHOOSE XITRON

Using the latest in digital signal processing and circuitry, our instruments are built to last. XITRON equipment truly delivers on the promise of today's most sophisticated technology, giving our customers the edge in design verification and product manufacturability.

WE'VE PASSED THE TEST

We're known by the company we keep. XITRON prides itself on delivering powerful solutions for today's leading manufacturing companies and research labs.

**Philips • Delta Power • Universal Lighting • Eldec • ITL
Raytheon • Rosemount • Osram • Genentech • U.S. Military
Lockheed Martin • Pepperl & Fuchs • Omnissonics Medical
Underwriters Laboratories • Samsung • LG • McGill University**

And many more...

Major Markets Served

- Aerospace
- Automotive Industry
- Consumer Products
- Gyroscope Manufacturers
- HVAC
- Industrial Tools
- Lighting Industry
- Medical Industry
- Military
- Motors/Turbines
- Power Quality Monitoring
- Power Supply Manufacturers
- Process Control Industry
- Regulatory Agencies
- RVDT/LVDT Manufacturers
- Syncro Resolver Simulation
- Transformers

PRECISION POWER INSTRUMENTS

Benchtop Power/Signal
Analysis Instruments

Portable Calibration
Instruments

Options & Accessories



POWER ANALYZERS SO ECONOMICAL, THEY CAN BE ON EVERY BENCH

QUALITY WITHOUT THE FRILLS

There's much more to the finest quality engineering test equipment than a pretty face. XITRON builds its instruments to be workhorse ready day-in and day-out. Our clean, sophisticated, classic design does not get in the way of performance.

XITRON manufactures a full range of analyzers and meters, including Phase Angle Voltmeters, Motor Testers, Ballast Analyzers, Ballast Load Chassis and Power Supply Testers.

GENERAL PURPOSE ANALYZERS

XITRON's family of General Purpose Power Analyzers measure power, frequency and harmonics in electronics engineering and production test environments. Our analyzers provide the ideal combination of speed, precision and ease of use with performance power and amplitude measurements.

Our High Performance Power Analyzer provides high bandwidth to 500kHz and typical 0.05% accuracy. The measurement channels can be configured independently (asynchronous or synchronous) allowing the instrument to be set up for your specific needs.

PORTABLE CALIBRATION INSTRUMENTATION

XITRON's family of portable calibrators is field proven. These rugged designs are built for reliability from the ground up. The devices push the envelope for DC calibration, temperature simulation and measurement accuracy. All models are available with battery-powered options.



PHASE ANGLE VOLTMETERS

Using the most advanced digital and signal processing technology, XITRON's family of Phase Angle Voltmeters deliver true accuracy and versatility at the touch of a button. PAVs provide direct readouts of phase insensitive, phase sensitive and harmonic data. The XITRON PAV automatically calculates and displays results. Self-calibration and testing capability ensure the most accurate results possible.

XITRON's Portable Phase Angle Voltmeter uses the latest in DSP technology to deliver true accuracy, versatility, flexibility and portability without the cost and reliability burdens of older technology. Extremely easy to use for field service and production engineers, the Portable PAV delivers impressive accuracy (0.2% amplitude, 0.5 deg phase) and bandwidth (10Hz to 10kHz).



XITRON'S NEXT GENERATION

5000 SERIES POWER ANALYSIS SYSTEM

The next generation of versatile power analyzers, XITRON's 5000 Series is ideal for use in engineering and production applications. Whether used in production or in QA environments, this new series provides defined test procedures, automatic sequencing and limits checking for Regulatory, Motor, Hybrid Electrical Vehicle, HVAC and up to 4-Phase input/output efficiency testing.





Our touch-panel controlled instruments feature a versatile chassis that is at home on the bench or when placed in a system rack.

The 5000 Series comes standard with an 800 x 600 (SVGA) graphical display with touch panel control, IEEE488, Ethernet, parallel printer, USB host, two CompactFlash slots and field upgradeable software for the most advanced measurements available.



XITRON TECHNOLOGIES' SOPHISTICATED, ADVANCED TESTING AND EVALUATION EQUIPMENT AND SYSTEMS SET THE STANDARD. FROM THE LAB TO THE MANUFACTURING LINE, WE HAVE THE RIGHT SOLUTIONS FOR YOUR MOST DEMANDING APPLICATIONS.

DELIVERING FASTER, MORE ACCURATE, MORE RELIABLE TESTING RIGHT TO THE PRODUCTION LINE. AND, THE BEST PRICING AND VALUE IN THE BUSINESS!

-  **Multi-processor based for fast measurements**
-  **User configurable testing and reporting modes**
-  **Lower cost equals faster payback**
-  **We keep you up and running by standing behind every product we sell**



ACCURACY

Versatile in meeting a variety of measurement challenges, XITRON's analyzers deliver superior accuracy, resulting in accelerated production, increased efficiency, and lower production costs.

ENGINEERING SUPPORT

XITRON products use IEEE488 for most remote interfacing. Our engineering staff is always available to provide technical support and programming assistance for custom manufacturing routines. Contact us at support@xitrontech.com.

XITRON'S FAMILY OF BALLAST ANALYZER SYSTEMS IS INDUSTRY PROVEN FOR ITS FLEXIBILITY AND CAPABILITY TO REDUCE SETUP, MAINTENANCE AND COST OF OWNERSHIP.



**1594 UL
INTER WIRE
COMPLIANCE
TESTER**

SERVICES AND ACCESSORIES

XITRON offers expert calibration and repair services for our instruments, utilizing a full line of state-of-the-art equipment. Our services provide an NIST-traceable calibration certificate for your records. We can also provide you with a detailed report of your equipment's pre- and post-test performance.

XITRON offers a variety of accessories for XITRON instrumentation, including power cords, charging adapters, calibration cables, external current sensing probes, and carrying cases.

XITRON's value added approach allows us to deliver a complete turnkey solution for your application. Please contact us to discuss your specific needs.

**THE XITRON
CHALLENGE**

Challenge us! Our specialists are the best in the business. We can help you speed up your quality control processes, and get your products to market faster... while reducing testing costs. *That's the XITRON Way.*

**CALL TODAY TO LEARN MORE:
858-530-8099**

**OR, VISIT OUR WEBSITE AT
WWW.XITRONTech.COM**

