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FOR IMMEDIATE RELEASE

2802 Two-Channel Power Analyzer for Standby Power and ENERGY STAR® Testing

SAN DIEGO, CA – XiTRON Technologies, Inc., an industry-leading provider of power testing solutions for nearly two decades, announced the release of its newest power analyzer – the 2802 Advanced Two-Channel Power Analyzer. The 2802 is the latest in a series of high-performance instruments from XiTRON that are specifically designed for use on engineering and R&D bench tops, as well as critical manufacturing and production testing environments.

"The 2802 Two-Channel Power Analyzer offers an extended measurement range from micro-amps to hundreds of amps and millivolts to kilovolts making it ideal for ENERGY STAR standby power or efficiency testing," said Dennis Schlaht, president of XiTRON Technologies.

"This new analyzer, combined with our new XView software utilities, is a result of listening to what our customers wanted in the field, and providing complete solutions to their unique testing needs," Schlaht added. The 2802 offers the highest performance–to-cost ratio in the industry and at a price point that is a fraction of analyzers with similar or lesser performance. At only $3995, it is so economical it can be on every bench."

The 2802 Power Analyzer combines precision, speed and ease-of-use with feature rich operation. It measures and displays volts, current, power, frequency, harmonics (to 100th), THD, PF, CF, K-Factor, Triplens, inrush, distortion, glitches, and more. Its frequency range is DC and 20mHz-200kHz. In addition to numerical results, it displays true inrush current and voltage waveforms, plus historical graphs of most measured parameters for up to 140 days. An integrated, phase-programmable line switch can be used as the trigger for inrush. The 2802 offers an integration mode for W-Hr, V-Hr, VA-Hr and VAR-Hr and provides integrated average, maximum, and minimum power. The 2802 is suitable for DC, AC, 1-phase 3-wire, 2-phase 3-wire, 3-phase 3-wire, in/out synchronous, or independent measurements, input/output efficiency and loss.

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The power analyzer provides a base accuracy of < 0.08% with current and voltage accuracies to less than 1mArms and 1Vrms while maintaining 0.2% accuracy at such low levels. The 2802 supports measurements up to 2000Vpk and 150Apk internally, and also will accept current transducer inputs.

In addition to its tremendous accuracy and precision, the 2802 offers measurement features unmatched in the industry including an integrated, phase-programmable line switch, AC or DC, which can be controlled from the front panel, from user I/O, or through the many communications interfaces. This switch, combined with the graphical inrush waveforms and startup screens, provides the user with a complete startup profile of their product or system.

The analyzer provides graphical history charts for a myriad of parameters over time periods of a few milliseconds to 140 days. The XiTRON 2802 provides DC charge and discharge measurements useful for manufacturers of power supplies, batteries and capacitors. The analyzer also features a selection for LOAD or SOURCE measurements with wiring compensation and voltage burden compensation.

Communications interfaces on the 2802 Power Analyzer include RS-232, GPIB (IEEE-488), and dual USB (Host and device) as standard, plus optional Ethernet as a planned feature. The USB interfaces can be used for control, monitoring or printing. Data logging direct to a USB Flash drive is another planned option. The analyzer also offers 12 user-configurable digital I/O and uses 16-bit A/D converters at 235 ksps. The advanced capabilities of this analyzer make it perfect for testing a variety of products including power supplies, inverters, DC/DC converters, consumer products, appliances and much more. The 2802 meets the ENERGY STAR and IEC 62301 Ed 1.0 requirements by a margin that is typically 10:1 or more. The 2802 also meets the requirements of the California Energy Commission, the Climate Savers Computer Initiative, The Australia Greenhouse Office, the EU code of Conduct for Power Supplies, 80Plus, and many other international testing requirements.

A variety of XView software tools are provided free of charge for the 2802. These LabView-based

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utilities are designed for data reviewing or data collection where results can be recorded in an Excel-compatible file for post-processing, insertion into reports or for archiving. Additional 2802 XView applications are available specifically for ENERGY STAR testing. Our XView software tools and drivers are designed for viewing multiple measurements on a single screen, creating automated test sequences, or configuring instruments. This new software can be downloaded free of charge from the XiTRON web site at http://www.xitrontech/support.html.

About XiTRON Technologies

XiTRON Technologies develops and manufactures innovative power test and measurement products and bioimpedance spectroscopy instrumentation. A bioimpedance pioneer since 1990, XiTRON was one of the first companies to realize the promise of this technology by bringing patented, accurate and effective solutions from the research lab, into mass manufacturing and to users. XiTRON's medical products have changed the way many researchers view bioimpedance spectroscopy and its applications and usefulness. With a pipeline of potential new products, XiTRON remains the world leader in advancing this technology to dramatically improve people's lives.

XiTRON's test and measurement group also continues to advance technology with innovative and first-to-market solutions for many of today's engineering and production testing requirements. XiTRON's leadership position in areas such as ballast testing continues as customer demands are evaluated and new solutions are introduced. To learn more about our pioneering technologies, please call 858-530-8099 or visit www.xitrontech.com. The company is ISO 9001:2000, EN46001 registered and FDAGMP 820 compliant.

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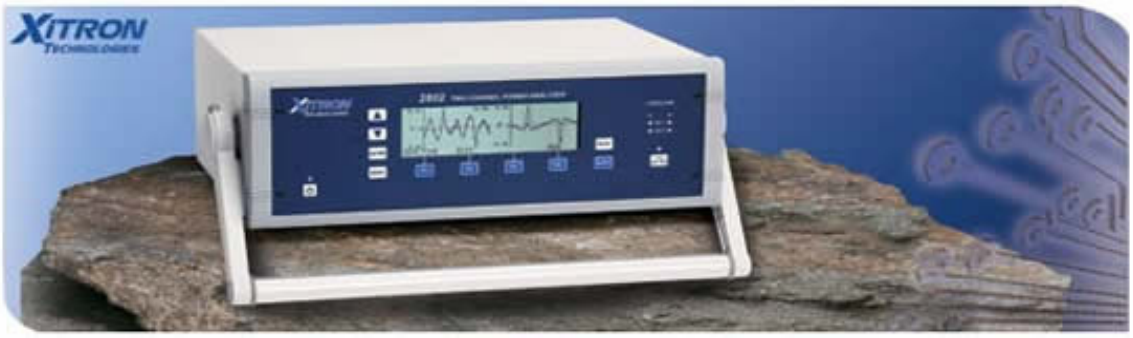
EDITORS: For additional photographs or information, please contact John Juneau at 760-602-0088.

Photo Attached: 2802 Two-Channel Power Analyzer



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