



Press Release
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For Immediate Release
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PRECISION POWER INTERNATIONAL

ADDS NEW IPPS PRODUCTS TO MEET MARKET DEMANDS

To meet market demand, PPI adds certified instrument power protection systems (IPPS) for Applied Biosystems, PerkinElmer, and Thermo Fisher (Thermo Scientific) instrumentation; Continuing to provide protection for sensitive laboratory instrumentation worldwide.

Mission Viejo, CA – At the request of its customer base, Precision Power International, Inc., which delivers high-level, global engineering solutions, including the design of critical power products and services for technology business applications, has added certified instrument power protection systems (IPPS) for some of the most popular and recently released instruments, thereby bolstering its portfolio of certified applications. Its customer base includes international and domestic distributors and representatives for Applied Biosystems and PerkinElmer, in addition to US-based researchers utilizing Thermo Fisher LC-MS instrumentation.

The recent IPPS product additions include protection for the AB 3500 Genetic Analyzer family and the AB 7500 Fast Dx Real-Time PCR. Both of these instrumentation systems are used to combat the recent North American influenza pandemic, as well as the Thermo Scientific LTQ LC-MS series of instruments used in proteomic and pharmacology research for the life science market. While PerkinElmer's ICP-OES and ICP-MS instruments are traditionally used in the inorganic and metal analysis industry segments, there is a recent trend to utilize them in quantification of proteins and biomolecules by ICP-MS.

More specifically, protein tagging reagents called metal coded affinity tags (MeCAT) have been introduced to label proteins quantitatively with metals, especially the lanthanide series. The MeCAT labeling allows for both relative and absolute quantification of a number of different kinds of proteins and other biomolecules like peptides. The tagging reagent MeCAT comprises a site-specific biomolecule tagging mechanism with a strong chelate group, which binds metals. MeCAT labeled proteins are available for accurate quantification by ICP-MS down to very low attomol (10⁻¹⁸ mole) amounts of analyte. ICP-MS MeCAT methods yield at least 2-3

orders of magnitude more sensitivity than other mass spectrometry based quantification methods. It is therefore even more imperative that these instrumentation have an additional level of certified power protection to ensure sound results.

“We are pleased to work with our colleagues in the public health and industrial MA sectors in North America, the EU, and other countries,” explained Raymond L. Hecker, AE, MBA, a principal of the company. “The protection PPI’s certified IPPS units provide brings instant peace of mind to laboratory managers. They are able to maximize instrument up-time, which results in better efficiency and the lowest possible cost reportable results.”

PPI encourages laboratory managers to visit www.precisionpowerinternational.com/onlinecatalog.php to download Specification Data Sheets (SDS) as reference materials. These SDS include both UL and CE-marked product applications for the various instruments. These SDSs are unique in the industry and aid lab managers in determining space requirements, as well as providing certification for the instruments and accessories protected by specific catalog numbers.

Precision Power International, Inc. (PPI) is an engineering consultant, product developer, and system integrator of energy and power products. The company specializes in value added systems engineering (VASE), software monitoring services (SMS), and consulting engineering services (CES) for the global energy, power technology, and large end-user technology markets. PPI offers “true” turnkey systems integration with “plug and play” designs for the scientific, technology specifier and end user applications. PPI’s engineers design, integrate and certify product applications utilizing the best and most robust “world-class” technology available. For more information, visit www.precisionpowerinternational.com .

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