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PROTOTYPES OF PEPEX™ TRIO™ ONE-CLICK™ METER DELIVERED

Phillips Plastics™ To Manufacture New Nanotechnology Sensor Modules & Blood Glucose Meter

Game-Changing Technology Establishes A New Standard In Blood Glucose Monitoring

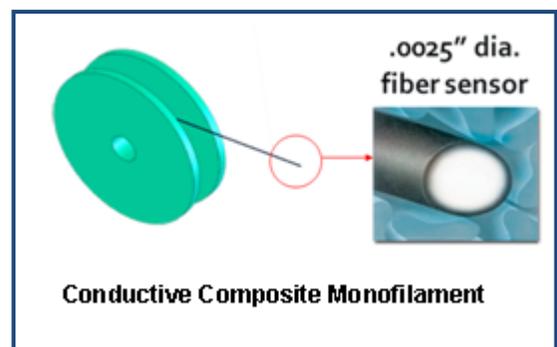
St. Louis, Missouri – January 31, 2010 – Today, Pepex Biomedical, Inc. took delivery of bench prototypes and display models for their new nanotechnology-based Trio One-Click blood glucose meter. During the last year, a Phillips Plastics industrial design team, in close collaboration with Pepex engineers, designed and devolved bench prototypes and production level appearance models of the new Trio. These incorporate key requirements of the new meter concept and, of particular importance, represent what can be achieved using Pepex nanotechnology sensors. The result, of the companies' combined efforts, is the most convenient and advanced blood glucose monitoring system ever produced.

According to Pepex CEO, Steve Collins, "Phillips' exceptional cooperation with Pepex, producing our sensor module and the Trio bench prototypes and appearance models, clearly demonstrates Phillip's premier industrial design and manufacturing capabilities. We are extremely pleased to be working in concert to secure this partnership."

Both partners benefit from the agreement in a variety of ways. Phillips will profit from a product fit in their core business and the long-term business opportunity with the potential for product expansion. Pepex expects to continue to receive high quality products and enjoy substantial savings in development and speed to market.

Pepex' planned product line, the Trio One-Click family of blood glucose meters, incorporates the next generation in diabetes monitoring technology by: delivering greatly improved convenience, minimizing operator technique to reduce user errors, plus providing cost effective usage, to the estimated 285 million diabetics worldwide.

The Trio meter is a fully-integrated, single-point blood glucose monitoring system. The heart of the system is the Pepex CCM (Conductive Composite Monofilament) sensor nanotechnology. This patented nanotechnology is manufactured as a continuous monofilament, about the diameter of a human hair. The CCM sensors are individually housed in plastic chip "sensor modules". Pepex' unique micro-molding and laser welding process allows the company to reach standards of precision and convenience never before achievable in the industry.



Traditional "test strip based" technology is susceptible to errors because it is exposed to; 1) environmental conditions (e.g. dirt, smoke, humidity, pollution), 2) User interface contamination from handling, and; 3) typical pharmaceutical interferants in blood (e.g. high blood pressure meds, ibuprofen, etc). "The Pepex sensor cartridges eliminate the unreliability, opportunity for contamination, and inconvenience of old fashioned test strips, setting a new standard for reliability and convenience in blood glucose monitoring," said Jim Say, Senior Vice President of Product Development for Pepex.



The Trio offers simple one-click operation, fast results and a large display for easy reading. A week's supply of test sensors is contained in an easy to use side-loading cartridge. The meter has a simple, intuitive user interface and includes both blue tooth and USB computer connections for day/week/month trend graphing. It delivers accurate, reliable results every test at a competitive price point compared to currently available meters.

Pepex is a privately held a medical device company specializing in the development, manufacturing, and marketing of disposable, miniaturized electrochemical biosensors. The company protects its market opportunities with 64 patents which encompass a broad spectrum of proprietary including sensor chemistry and architecture, to wireless communications for the sensors, to laser welding manufacturing processes. Pepex' biosensors are the heart of a pipeline of life altering products for medical diagnostics and intervention. The company is led by a team of business and scientific professionals experienced in the biomedical field and populated by a development staff with a successful track record of delivering next generation biomedical devices to market. For more information, please visit www.pepex.com.

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