

FOR IMMEDIATE RELEASE

PendoTECH Launches New In-line Single Use Conductivity Sensors for Critical Bioprocess Operations

Princeton, NJ - There is an increasing trend in the biopharmaceutical manufacturing industry toward the use of disposables (e.g., flexible tubing and disposable bioprocess containers) in both clinical and commercial production to about the 1,000-L process scale. PendoTECH is launching its line of Single Use Conductivity Sensors (patent pending) to compliment the popular PendoTECH Single Use Pressure, Temperature, UV-Absorbance Sensors that already are used in numerous bioprocess operations. The sensors will be offered in a wide range of sizes for in-line measurement with initial sizes of ¼ inch and ½ inch hose barb. The conductivity sensor measurement range is 0-200mS with a readability of 0.01mS. There is built in temperature compensation provided by the embedded PendoTECH Temperature Sensor that has a range of 0-70C +/- 0.1°C. They will easily integrate to assemblies with bags, filters, tubing, and connectors. These disposable sensors eliminate the requirements of parts cleaning, tracking, sanitization, and possible re-sterilization of reusable measurement devices.

PendoTECH Single Use Conductivity Sensors are manufactured in an FDA Registered ISO 13485 certified facility and each sensor is tested in manufacturing to ensure it is within calibration. All polymeric materials in the product fluid path meet USP Class VI requirements and the sensors arrive to the customer ready to use and with a certificate of quality. They have been qualified for compatibility with gamma sterilization up to 50 KGys.

The sensors connect via a 12 foot re-usable cable to the PendoTECH Conductivity Monitor. The monitor provides for the temperature compensation which normalizes the conductivity value to 25C°. The monitor can input up to two sensors for display and has analog outputs (for both conductivity and temperature) to a control system and RS232 output to a PC.

Conductivity sensor applications include filtration, filling operations, and chromatography. They are rated for use up to 75 psi and may be re-used for process development work if cross contamination is not a concern.

About PendoTECH

PendoTECH is committed to providing value-added products and services to companies in the biopharmaceutical industry for enhanced development and production of products derived mainly from biological systems. As the number of biologicals produced by cell culture increases and the industry matures, new technologies and process approaches are available for comparison to the existing ones for evaluation of enhanced production output and reduced cost of goods. Contact us at <http://www.pendotech.com>/or 609-799-2299 for more information.