



## **Sierra Scientific Instruments, Inc. Announces FDA 510(k) Clearance of ManoScan Z™ Combined High-Resolution Manometry with High-Resolution Impedance System**

Los Angeles, CA May 20, 2009.

Sierra Scientific Instruments (SSI) is pleased to announce the company has received FDA 510(k) clearance to market the ManoScan Z™ system for visualization and analysis physiological data within the gastrointestinal tract. The clearance covers a broad range of indications for diagnostic examination and identification of prevalent GI disorders in the pharynx, esophagus, stomach and other organs. ManoScan Z™ utilizes advanced pressure and impedance measurement technology combined with synchronized imaging that provides complete and accurate assessment of physiological process. By incorporating the industry's only high-resolution manometry with high-resolution impedance sensing, the system provides the ability to easily view, interpret and accurately assess both motor function and bolus movement

ManoScan Z™ adds to the many features that have made SSI's core product offering the gold standard in clinical motility testing. A wide array of distinctive capabilities such as fully circumferential pressure sensing, patented physiological visualization software, the latest advancements in computer-assisted HRM disorder classification and a comprehensive set of normal values set SSI's systems apart

Tom Parks, Ph.D., President & CEO of Sierra Scientific stated: "This new system provides the clinician with an intuitive and accurate picture of GI motor function that has not been available until now. It has benefits to the patient, nurse, and doctor in shortened procedure time, simplicity of protocol, and reliability of diagnosis. The technology is a building block in our modular architecture that allows customers to seamlessly add adjunctive modalities to our core diagnostic workstation."

SSI pioneered a variety of advancements in high-fidelity HRM visualization and physiological data collection that have set new standards in clinical practice. The company holds multiple patents and patents pending in sensor and data processing technology. Areas covered in these patents include data visualization, diagnostic methods, image processing and analysis. These proprietary technologies make it possible for ManoScan Z™ High-Resolution pressure imaging with High-Resolution Impedance to intuitively and clearly visualize the "motor" physiology that drives motility, allowing for a more rapid and reliable diagnosis.



SSI produces a complete line of high-resolution solid-state manometry, ambulatory pH & Impedance monitoring systems, and disposable accessories. These products are designed to maximize the simplicity and accuracy of gastrointestinal motility procedures and ambulatory reflux monitoring.

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