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Lumetrics OptiGauge Super Luminescent Technology Dramatically Decreases New Product Development Time at TESco Associates

Rochester, New York June 18, 2008 – Lumetrics, a leading manufacturer of world-class precision thickness measurement technology, and TESco Associates, Inc., a developer of bio-absorbable polymeric medical implants, announce the implementation of Lumetrics' OPTIGAUGE™ Super Luminescent Technology resulting in dramatically reduced product development time of complex medical tubing.

The use of the OptiGauge has provided never-before obtainable data regarding physical attributes of custom polymer-based tubing under development at TESco. TESco is using a Lumetrics OptiGauge thickness measurement system, including an automated tubing analysis fixture, to quickly and accurately determine size and form characteristics of a challenging new product design.

"Originally intended to be a QC instrument for monitoring production, the OptiGauge has allowed us to quickly and easily determine the geometry of our tubing during development", said Andy Thatcher, Associate Manager, Operations and Client Relations of TESco. "This information has enabled us to immediately identify abnormalities in prototypes, isolate the cause, and take corrective actions. The speed with which we were able to make changes to the process as we moved from startup to fine-tuning, reduced the time to produce qualified product from 4-6 months to just weeks."

TESco's challenge was to provide very precise dimensions and geometry for their customer, utilizing new raw materials and manufacturing methods. "The Lumetrics' OptiGauge can identify very small product irregularities, which our manufacturing equipment supplier then used to fine-tune their systems, dramatically reducing the time required to produce tubing that met our customer's specifications," said Thatcher.

Lumetrics' OptiGauge Super Luminescent Technology uses optical, non-contact techniques to provide highly accurate dimensions and form characteristics of thin-walled medical devices. This eliminates human error in associated manufacturing and quality control processes of products such as stents, catheters and balloons.

As a part of TESco's OptiGauge system, Lumetrics also provided a semi-automated tubing fixture that is capable of simultaneously measuring wall thickness, ID, OD, concentricity and ovality of a tubular product in seconds, -- to sub-micron accuracies. These metrics can be integrated into a quality control database, where comparisons with expected dimensions can be used to generate pass/fail recommendations in real time. Speed, accuracy, and reliability all far exceed traditional measurement methods.

"We work closely with our customers to provide individualized fixturing and software in an integrated manufacturing environment" said Steve Heveron-Smith, Vice President of Sales & Marketing. "We pride ourselves in providing full solutions as part of a partnership with our customers, to meet their specific measurement needs."

About TESco

TESco is a specialty manufacturer of bio-absorbable medical implants. For more information about TESco, visit www.tescoassociates.com

About Lumetrics

Lumetrics designs, manufactures, and markets advanced optics-based test instruments that provide unique measurement solutions for a variety of medical and industrial applications. Lumetrics technology employs the power of light for accurate and routine analysis of materials such as specialty tubing and film, flexible packaging, glass, plastics, coatings, and optics. For more information about Lumetrics, visit www.lumetrics.com.

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