



OptiGauge™ Precision Thickness Measurement

NEWS RELEASE

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LUMETRICS CREATES CUSTOMIZED SYSTEM TO REDUCE COST, IMPROVE QUALITY

ROCHESTER, N.Y., June 24, 2010 — Lumetrics, a leading manufacturer of world-class precision thickness measurement technology, has created the new Online Rotational Scanning System, an accessory to the OptiGauge, which will drastically reduce the production line start up time and significantly improve product quality. The company is set to begin the first of five installations in the U.S. at one of the world's leading manufacturers of film for the medical bag industry.

The Online Rotational Scanning System is a cost-effective way to measure blown, single or multilayer film used for products such as IV and blood bags. The online system provides continuous measurement of a product during the production process, enabling a controlled feedback loop, and eliminating the quality control testing step that is usually completed post-production. This allows the product to be packaged and sold right from the line, in turn reducing labor costs. With the data derived from this system, manufacturers can achieve higher quality products, reduce costs and inspection time through a higher yield of good product, and ultimately improve customer satisfaction.

The fully automated, non-contact measurement system provides an alternative to the less accurate micrometers and snap gauges that are used post-production.

“With continuous oscillating measurements, our system provides more data than previously available on other systems,” stated Lumetrics Engineer Rylan Summit, who played an integral role in research and development of the Online Rotational Scanning System. “This will enable manufacturers to gain a better understanding of their product and process.”

From this data, customers can determine, with an instantaneous polar graph, exactly where thickness variations are located on their product.

All types of multilayer films, whether co-extruded, coated, or laminated, can be measured on this system. Where most technologies can only tell how much coating is applied or resins are used, the Online Rotational Scanning System, with its unique optical measurement approach, can tell how evenly coatings and resins are applied and how consistent the layers are.

Lumetrics provides standard and customized fixtures for manufacturers' specific products. Lumetrics Applications Engineers work with customers to determine requirements and then design the correct fixture for the application.

For additional information on this productivity improvement tool, please contact Lumetrics at sales@Lumetrics.com or Steve Heveron-Smith (sheveron-smith@Lumetrics.com) at 585-214-2455 x 102 or cell 585-734-3394 or Gary German (ggerman@Lumetrics.com) at 585-214-2455 x 121 or cell 585-233-3618.

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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