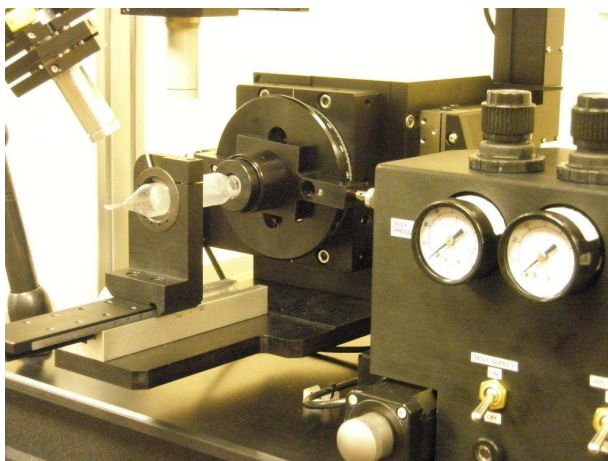




# NewsScope

The newsletter of Lumetrics, Inc., makers of OptiGauge™

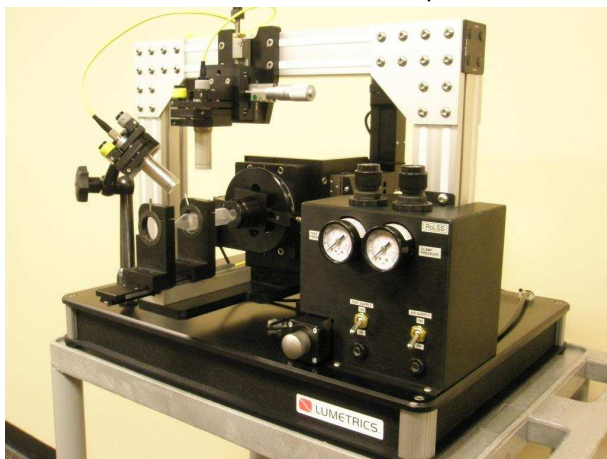
## Tools for balloons, tubing, & more:



One of our most exciting developments is the Rotational Linear Scanning System (RoLSS). RoLSS is the next generation of inspection equipment dedicated to those hard to measure products like balloons, silicone tubing, and any cylindrical object where you need accurate and repeatable measurements.

RoLSS provides the user with the ability to not only measure wall thickness but also ID, OD, Ovality, concentricity, coatings, and more. RoLSS provides air pressure so that as a balloon is inflated and rotated, a user can study thickness variations across the whole balloon.

With the optional articulated second probe, cone areas can be measured and anomalies identified. In addition to rotational movement RoLSS provides a linear stage to allow scanning along the length of a balloon.



The system allows any balloon shape or size to be measured and mapped with our easy to use software interface.

RoLSS takes the guess work out of testing simple or complex balloon designs. When you can easily map a complete balloon, modifications to designs and processes become possible. Safety is ensured and productivity is enhanced when product attributes are understood this well. With the data derived from RoLSS you can achieve higher quality products and understand and refine your processes.

The system provides an alternative to pin gauges and razor blades, and replaces the common but imprecise, double-wall thickness measurement. Now exact measurements can be taken and relationships between critical features can be identified and corrected, such as concentricity, roundness, thinning, etc. The variability associated with the old imprecise manual methods can now be eliminated.

In addition to balloons, RoLSS is ideal for all tubing and other cylindrical items no matter what their size or material. Tubes are held with an adjustable air pressure collet that fits a range of samples. This quick change collet provides a way to easily position samples for measurement.

RoLSS comes complete with an intuitive interface that allows complete scanning around or along an object, a step movement to various locations for measurement and a step and scan capability that allows scanning at specific critical locations on the part. Data is available real-time on the display in numeric graphical form and can be downloaded to a file or exported to an external database for further analysis. Future enhancements will provide additional displays, graphics, and recipe control.

Call Gary, or Steve find out more information on this tremendous productivity improvement tool.

*For additional information on any of these topics please contact Lumetrics at [sales@Lumetrics.com](mailto:sales@Lumetrics.com) or Gary German ([ggerman@Lumetrics.com](mailto:ggerman@Lumetrics.com)) at 585-214-2455 x 121 or cell 585-233-3618 or Steve Heveron-Smith ([sheveron-smith@Lumetrics.com](mailto:sheveron-smith@Lumetrics.com)) at 585-214-2455 x 102 or cell 585-734-3394*