

Tubing Monitor 360

The Tubing Monitor 360 is a cost-effective way to measure round, single and multilayer film for quality assurance while in the manufacturing process. The system allows you to continuously measure your product during the process, 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, you 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 mechanical drop gauges that are used post-production. With continuous, oscillating measurements, this system provides more data than previously available on other systems enabling manufacturers to gain a better understanding of the product and process.

A polar graph exhibits position and thickness measurement. From this data, you can determine exactly where on the product there are thickness variations and it can be used in a process control feedback loop.

The system can measure multiple diameter and size products and can be customized to fit your specific products.

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 used, the Tubing Monitor 360 with its unique optical measurement approach, can tell how evenly it's applied and how consistent the layers are. This system is ideal for measuring such things as blood bag seams, diagnostic test strips, and flow cells.

The system comes complete with a software interface that presents user-defined thickness trending and plotting charts in real-time. Data is available instantaneously on the display in numeric graphical form and can be downloaded to a file or exported to an external database for further analysis.

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.

