



March 3, 2004

For Immediate Release

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ByteWise Introduces New On-Line Profilometer Measurement System

After several years of offering a very successful Off-Line Profilometer product, ByteWise is pleased to announce the availability of that technology in an on-line version.

The On-Line Profilometer is a real-time measurement system designed for tire tread and sidewall extrusions. The system uses Sheet-of-Light laser triangulation sensors to acquire several thousand measurement points for each cycle, at rates up to 7.5 cycles per second.

The On-Line Profilometer measures the extrusion profile as it is being conveyed. This actual measurement is compared to a design template or the "desired profile" and its allowable limits. Each design permits the recognition of various measurement parameters such as overall width, shoulder width, locations from center, and various thicknesses.

Unlike most other on-line profiling systems, this system makes the profile measurement simultaneously across the profile. It does not scan side-to-side in a "Z-pattern." This simultaneous measurement is more accurate than traditional scanning systems.

The On-Line Profilometer is available in 3 standard widths: 300mm, 450mm and 600mm. All sizes have a 75mm thickness range. Accuracy is specified as 0.3mm for the width measurements and 0.15mm for the thickness measurements.

About ByteWise Measurement Systems: ByteWise Measurement Systems designs and manufactures precision, non-contact measurements systems for a variety of industrial markets. ByteWise is headquartered in Columbus, GA with offices in Akron, OH, and Trelleborg, Sweden. For more information, visit our website at www.bytwise.com or contact Dennis Reynolds at 330 633 2253 or dreynolds@bytwise.com.

