

MultiScan32 Multi-Strand Diameter Measurement

100% coverage on multiple strands!

Measure the diameter of multiple product strands with the Beta LaserMike MultiScan32™ measurement system. The MultiScan32 is a powerful software platform that when combined with Beta LaserMike high-performance gauges offers a cost-effective way to measure your multi-strand product in an easy-to-use, real-time Windows® environment. Graphical displays allow your operators to identify troublesome lines immediately.

View process data quickly and easily:

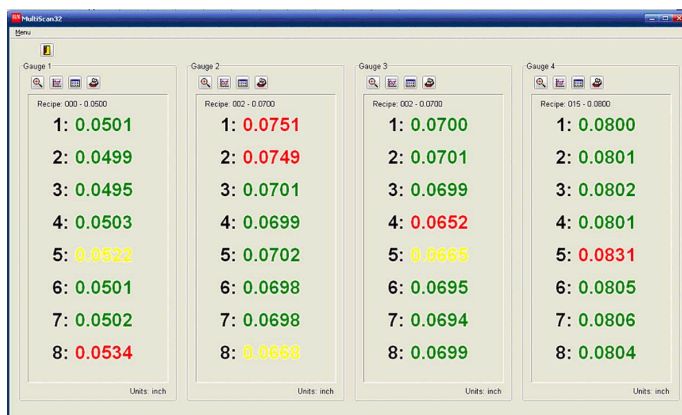
- ▶ Specification limit libraries allow you to quickly apply a specification limit to a group of identical strands
- ▶ Color-coded outputs allow your operators to quickly identify a problem
- ▶ Numeric and graphical indicators let you see the problem immediately
- ▶ Missing strand detection not only recognizes a lost strand, but identifies which strand is lost
- ▶ Quickly view Average and Range of all strands or a subset of strands



MultiScan32 Advantage

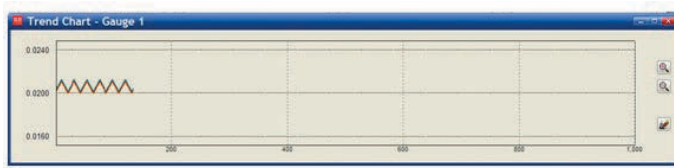
- ▶ 100% coverage means no missed measurements
- ▶ Strand breakage detection
- ▶ Supports multiple scanners with multiple strands*
- ▶ Real-time trend display on all strands
- ▶ Collected data can be stored directly into Microsoft Excel

**Up to 4 gauges & up to 8 strands per gauge*



A wealth of information:

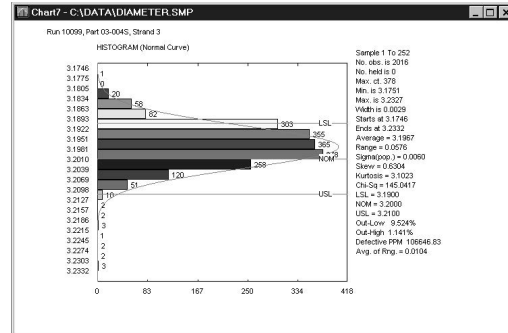
- ▶ Real-time trend charts on each strand
- ▶ Product size and tolerance checking
- ▶ Color coding for within control limits, out of control limits and out of tolerance
- ▶ Optional flaw detection and alarming by the PrecisionPro 2000



Integrated real-time process monitoring and trend charting

Raw data import to Microsoft® Excel

- ▶ Control your process well enough to save material
- ▶ See a run chart in real-time
- ▶ Network access to data from multiple lines on a single QC or management computer



Snapshot of third party software shown

Specifications

Computer System & Hardware Requirements

- ▶ IBM PC or compatible, 1.8GHz processor
- ▶ Operating System: Microsoft® Windows XP, Windows 7 or Vista
- ▶ Monitor - 22" widescreen monitor
Check with an application specialist for industrial PC options
- ▶ RAM - 512 MB (minimum)
- ▶ Input Options
 - PCI: 1 slot for I/O card
 - USB: Requires the use of a serial to USB Multiplexer (depends on number of gauges)
- ▶ Optional
 - Microsoft Excel or Office
 - 48 Bit PCI I/O Card with cable and breakout box for digital inputs and alarm outputs

Gauges and Processor

- ▶ Beta LaserMike PrecisionScan Series Gauges
- ▶ PrecisionPro 2000 Data Processor

Scan Rate

- ▶ Without flaw detection
 - 666 scans/sec
- ▶ With flaw detection
 - 666 scans/sec for up to 4 strands
 - 400 scans/sec for more than 4 strands*

*Check with an application specialist for exact specifications for your applications

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