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

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

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