Micro Tube ID/OD/Wall Measurement
Non-Contact Laser Technology

- I.D. range from .015” to .100”
- Wall thickness from .002” to .160”
- Plastic or Hypodermic Tubing

- PC Based System. Works with any Pentium II or better processor
- Easy to use Windows® graphical user interface software
- Fully automated system with micro step control
- Measure samples with extreme accuracy and repeatability in seconds.

MEASUREMENT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Accuracy</td>
<td>± .00010” (0.0025mm)*</td>
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<tr>
<td>Repeatability</td>
<td>± .00006” (0.0015mm)*</td>
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<tr>
<td>Measurement Rate</td>
<td>400 scans/sec</td>
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<tr>
<td>I.D. Range</td>
<td>.015” - .100” (0.38mm – 2.54mm)</td>
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<tr>
<td>Wall Range</td>
<td>.002” - .160” (0.05mm – 4.00mm)</td>
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Software Features

- Tolerance Checking
- Multiple Part Recipes
- Graphical Display of Concentricity
- Data Logging
- Sample Reports

*Accuracy & repeatability spec based on 1 second scans averaging
Operating Specifications

Operating Temperature
5-55°C (41-131°F)
Laser
Class II (3mW max) visible red
Environmental
90% RH, noncondensing

Options & Accessories
- Fully configured desktop or panel touch screen PC
- SPC software package
- Mandrel and chuck assemblies for various I.D. ranges

PC Requirements

Processor
Pentium II or Higher
Operating System
Windows ® 98/Me/NT 4.0/2000/XP
RAM
128 MB Min.
Hard Disk
200MB Available
Communications
One available serial port
One available PCI slot

OUTLINE DRAWING

BEAM CENTER LINE

16.50" (419.1 MM)
12.00" (304.8 MM)
5.87" (149.1 MM)
7.12" (180.8 MM)
4.75" (120.6 MM)