

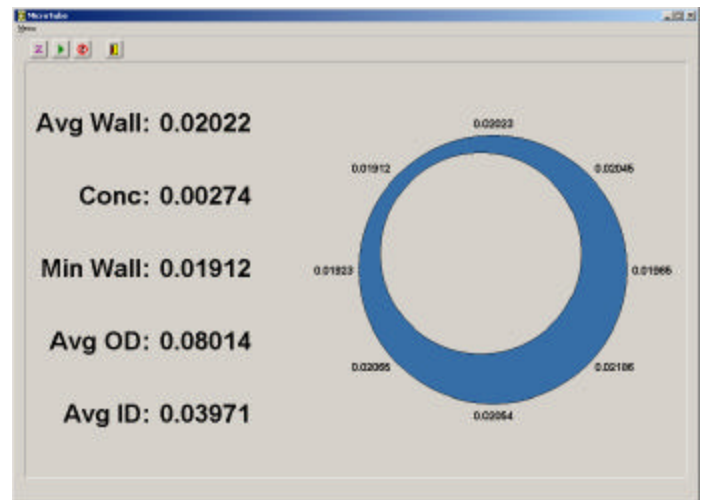
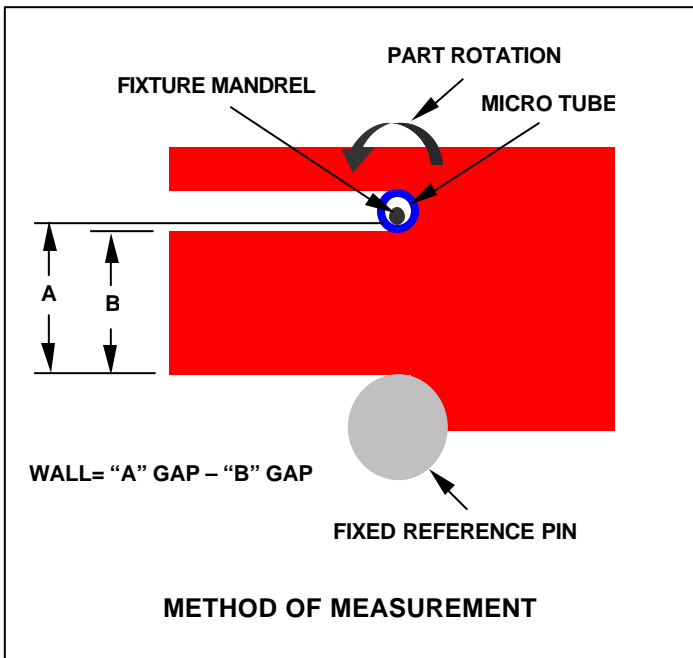
Micro Tube ID/OD/Wall Measurement

Non-Contact Laser Technology



MICRO TUBE AUTO ID/OD/WALL GAUGE Model NTC-10031

- 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	
Accuracy	± .00010" (0.0025mm)*
Repeatability	± .00006" (0.0015mm)*
Measurement Rate	400 scans/sec
I.D. Range	.015" - .100" (0.38mm - 2.54mm)
Wall Range	.002" - .160" (0.05mm - 4.00mm)

- ### 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.

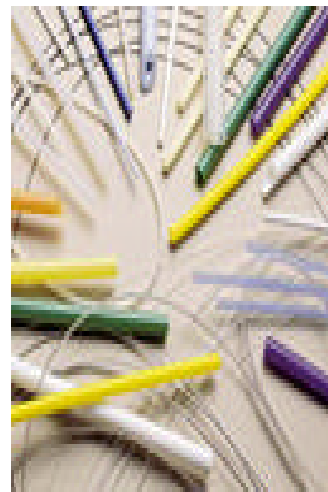
Hard Disk

200MB Available

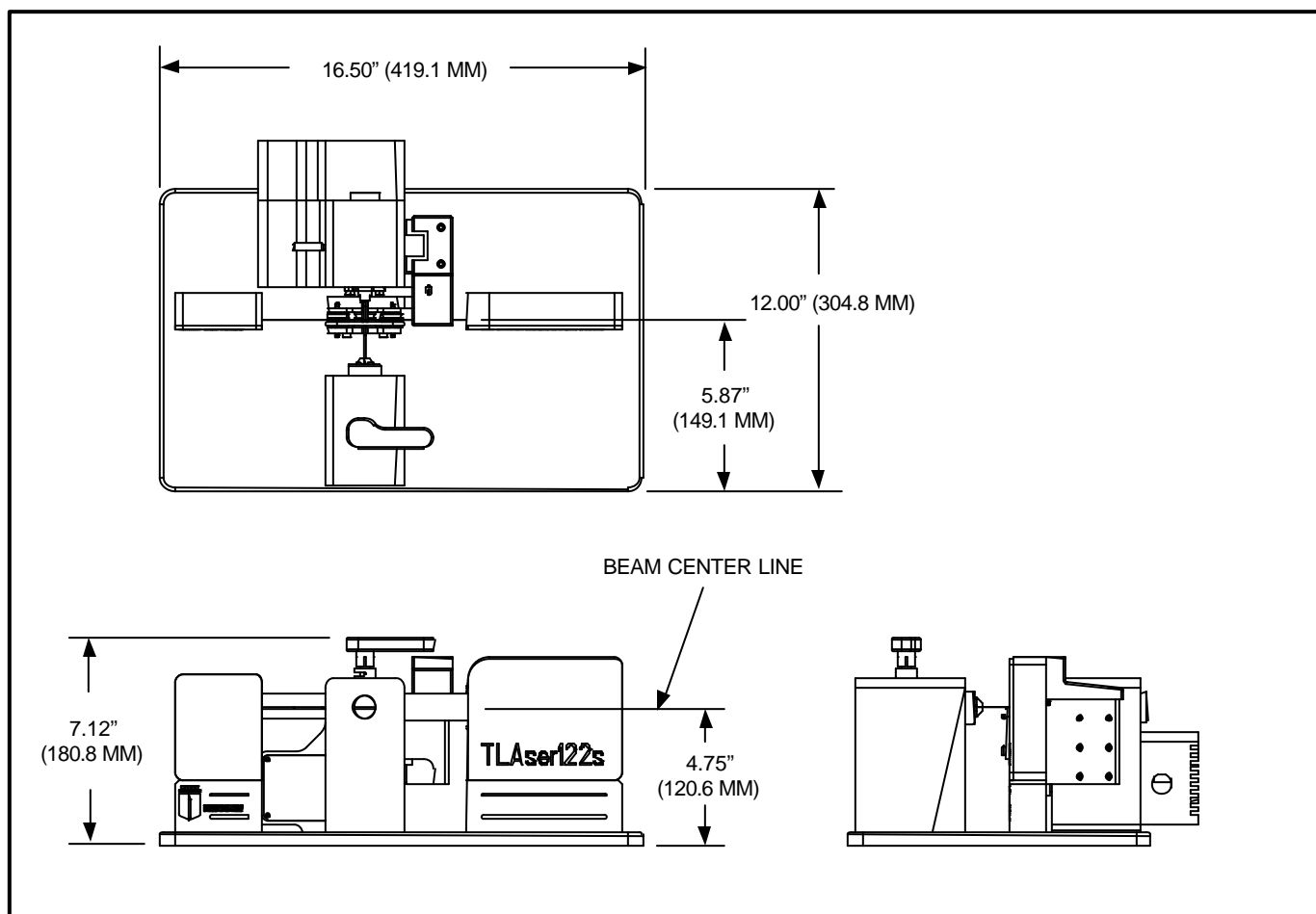
Communications

One available serial port

One available PCI slot



OUTLINE DRAWING



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