

Inspection Equipment Listing

**Numerex C101 High Accuracy
Ceramic Series Manual
Coordinate Measuring Machine**

Measuring range: X-28", Y-28", Z-18"
Linear accuracy: X-.00018", Y-.00022", Z-.00018"
Volumetric accuracy: .00030"
Work piece capacity: 30" x 30" x 16"
Renishaw Touch Probe
Metromec Software on Pentium IV PC

**RAM Optical OMIS
Assembly Attachment for
Numerex CMM**

Non-Contact Measurement
Resolution: .005"
Magnification range: 10X to 200X
Electronic Dual Crosshair Generator

**OGA Focus 14" Optical
Comparator w/motorized table**

Measuring range: X-12", Y-5"
Linear XY accuracy: .00035 over full travel
Measurement resolution: .00005"
10X, 20X & 50X telecentric projection lenses
Internally mounted edge detection
Smartcheck software on Pentium PC

Gage Blocks

Mitutoyo 81 piece set – Grade 2, Ceramic & Steel

Surface Plates

36" x 48" Grade B
18" x 24" (1x) Grade A & (1x) Grade B
24" x 36" Grade B

Height Gages

Mituoyo 18" (2x)
Kanon 12"

Calipers

Digital (.0005" Resolution) – to 24"
Vemier (.001" Resolution) – to 60"

Plug Gages

.011 to .750" Pins, in .001" increments (2 sets)
Unified Series Thread Gages - #0 to 1/4" Class 2
Metric Series Thread Gages – M2 to M6 Class 6H

Miscellaneous Equipment

Mituoyo O.D. Micrometers – 0-1", 1"-2", 2"-3"(.0001" resolution)
Dial Test Indicators - .0001" Resolution (2X)
Matched pair 1-2-3 Blocks (2 sets)
Schmidt 5" Angle plate (.0001" accuracy)
Barcor Dial Chamfer Gages 0-90° & 90° - 127°
Bevel Protractor – 5 min. resolution
Radius gages – 1/32" – 1/2"
Powerway ISO 9000 Document control software