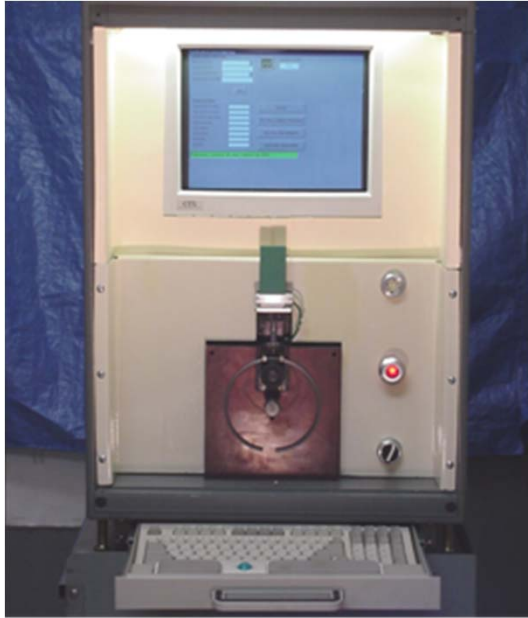


Precision Measurement of Ring Face Profile



The Automatic Profile Gage is designed to accurately and precisely measure the face profiles of barrel-faced and taper-faced piston rings and sealing rings used in automotive and industrial applications. Designed for both production and inspection applications, the Automatic Profile Gage can measure up to ten rings simultaneously – with just one setup.

Features & Benefits

- Simple loading and unloading of rings to be measured
- Positive clamping of rings to eliminate distortion during measurement
- Operator-selected standard ring sizes; custom sizes can be accommodated
- English or Metric measurements
- Advanced electronic control of gage probe movement across ring face
- Electronic height probe accurate to 0.00008 inch
- Horizontal position reported with an accuracy of 0.00004 inch
- Typical Gage R&R of 20%
- Simple operation requires very little operator training
- Built-in modem allows data transfer to central data collection point
- Custom software designed to simplify measurement and reporting of results
- Results can be easily printed as tables or profile graphs

Warranty – 1 year parts and labor

R&R Gage Capability

Ring Face Profile	Ring Thickness	Expected Gage Capability
Taper	1.2mm to 2.5mm	10'
Barrel	1.2mm to 2.5mm	.002mm
	3.0mm to 4.0mm	.003mm