

Gap & Profile Measurement

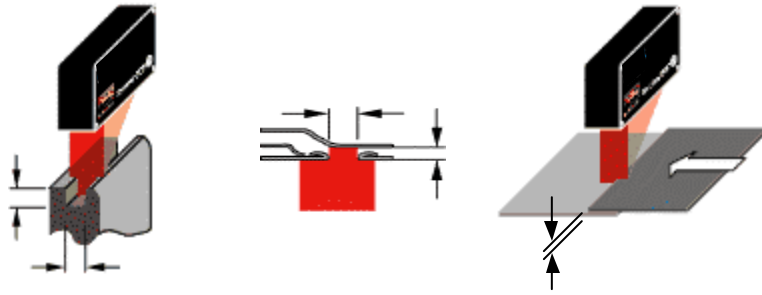
Non-Contact Laser Technology

Turnkey Gauging Systems

1535 Stanley Ave.
Dayton, OH 45404
Phone: 937-461-4040
Fax: 937-461-1943
E-mail: sales@nobletool.com



Noble Tool Corp



Continuously Monitor and Control Gap Spacing and Profile Shapes

- Improved Product Quality
- Reduce Scrap
- Material Savings by Maintaining Narrow Tolerance Band
- Reduce Material Waste During Start-up

Internal or External Profiles Gap Measurements Step Measurements



Large Contour Panels Profile & Thickness Cylindrical Screens Gap Spacing Complex Machined Parts Portable Profile Mapping

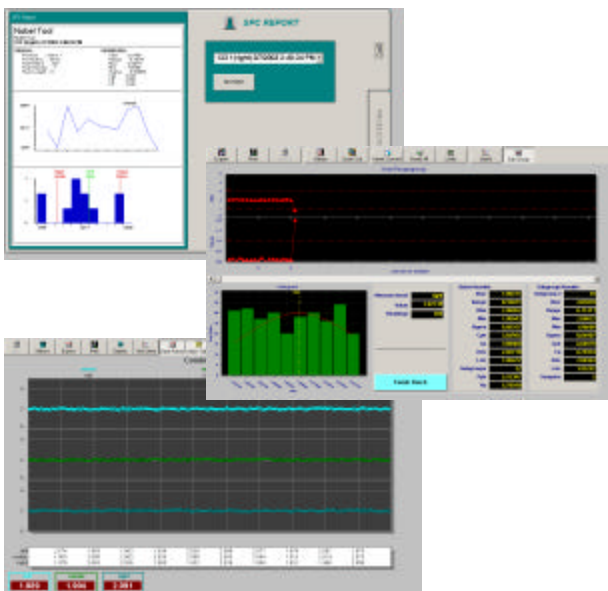


Standard Features-

- Easy To Use Graphical Interface
- RS-232 Data Output
- User Defined Tolerance Thresholds
- Tolerance Alarm Outputs
- Calibration Fixture

Optional Features-

- SPC Data Collection & Reporting
- Closed-Loop Control
- Air Purge System
- Alarm Stack & Marking Device
- Roller Guide Fixture
- Adjustable Height Stand



Available SPC Analysis Software and Data Reporting

- Multiple Measurement Trend Charts
- Process Monitoring
- User Defined Reporting
- Multiple Part Library

SENSOR SPECIFICATIONS	
Scan Width ("X")	5 mm - 50 mm
Scan Depth ("Z")	8 mm - 50 mm
Scan Resolution ("X")	0.01 mm @ 550 Points Per Scan
Scan Resolution ("Z")	.03 mm - .15 mm
Measurement Rate	50 Scans/sec Max (27,500 points/sec)

*Accuracy dependant on surface texture

