

Our Equipment:

We maintain the most up to date **portable** diagnostic equipment for our services. All of the equipment used meets or exceeds industry standards for calibration and certification.

2) – Complete Laser Calibrator Systems by HP / Agilent

- Linear Positioning Measurement
- Repeatability
- Velocity
- Diagonal Interpolation
- Angular Accuracy (pitch & yaw)
- Rotary Table Angular Positioning
- Index Table Angular Positioning
- Machine Way Straightness
- Parallelism of Machine Axes
- Straightness of Travel (horizontal & vertical)
- Squareness (between axes)
- Flatness

1) Renishaw XL-80 Laser Calibrator System

- Linear Positioning Measurement
- Repeatability
- Velocity
- Diagonal Interpolation
- Angular Accuracy (pitch & yaw) & Straightness

1) Renishaw XR-20 Rotary Calibrator

- Rotary Axis Angular Positioning
- Index Axis Angular Positioning

1) Renishaw QC-10 Wired Ball Bar

1) Renishaw QC-20 Wireless Ball Bar

- Calibrator and Extensions
- Lathe Adapter Kit

1 ROTALIGN PRO: Alignment Laser by PRUFTECHNIK AG.

- Shaft to Shaft
- Straightness
- Bore Alignment
- Bearing Centerline
- Shaft Support Guides
- Bore to Spindle Alignment
- Horizontal & Vertical Shafts

Mechanical Alignment Tools

- (9) Precision square block levels (.0001 / div)
- (2) Precision level low profile (.0005 / div)
- (1 pair) Mahr Federal electronic differential levels
- 18" x 24" X 3" AA grade master granite square
- 18" x 24" X 2" AA grade master granite square
- 24" Ductile iron precision ground parallel
- 48" Ductile iron precision ground parallel
- 60" Ductile iron precision ground parallel
- Parlec 18" spindle test bar Cat 40 50
- Various Test Instruments:
 - Clamp on multi meter, Fluke Vibration Meter, Monarch Tachometer, Clamp-Rite Spindle (draw bar) Force Gage, etc.
- Precision tools: - multiples of each
- Magnetic bases, indicators (.005"), 1-2-3 blocks (precision ground), micrometers, calipers, etc.
- Mechanics small hand tools (inch & metric)
- Miscellaneous support items and special tools

All the above equipment is completely portable. We ship our equipment Nation Wide using FedEx Freight, we can be on-site (depending on location) within days not weeks like most other machine tool service companies.

Our Experience Allows Us To Do Special Machine Alignments As Well As Conventional Alignments!

WE ARE HERE TO SERVE YOUR NEEDS