

## INSPECTION INSTRUMENTS

- 1 Mitutoyo Crysta-Apex C 544 CNC coordinate measuring machine, w/ Renishaw MH20i probe. Axis travels 20" x 16" x 16". Resolution 0.000004".
- 1 Hexagon Metrology PC-DMIS software. Provides for direct CMM inspection from imported solid models. Powerful, flexible reporting tools enable inspection and documentation of complex geometric tolerances.
- 8 SPC shop floor inspection data collection systems
- 1 Mitutoyo Surf-Check Model 178602 profilometer
- 1 Jones & Lamson Model TC-10 optical comparator, 10X and 20X magnification
  - Stereo zoom microscopes, with 45X magnification and illumination for parts inspection.
  - Granite surface plates of various sizes
  - Full complement of hand-held measuring instruments including specialty micrometers
  - Comprehensive set of ground and calibrated thread gauges, gauge blocks and pins
  - All measuring instruments calibrated by an independent lab traceable to NIST. Calibration records maintained as required by AS9100C standard.

## INFORMATION TECHNOLOGY

|                              |   |
|------------------------------|---|
| <b>JobBOSS</b>               | ERP software that manages our shop including quoting, purchasing, routing, scheduling, inventory, shipping, and costing |
| <b>Solidworks Modeling</b>   | 3D mechanical design system for product development, fixture and tool design  |
| <b>Solidworks Inspection</b> | Inspection tool for direct data collection and analysis   |
| <b>Simpletrak</b>            | Our quality system management tool with record keeping. Certified to AS9100C and ISO9001                                |
| <b>GibbsCAM</b>              | Solids-based tool path generation for milling machines.   |
| <b>Autodesk Partmaker</b>    | Solids-based tool path generation for multi-axis turn-mill and Swiss screw machines.                                    |
| <b>Eiger</b>                 | 3D printing   |

Send us your solid model files for direct import into our CAM software. JACO can accept IGS, DXF, STP, or Solidworks native files.