# ASSEMBLY

## Manufacturers

- Accumen
- Apex Tool Group
- ASG
- Atlas Copco
- ATP
- Brimatco
- Carson
- CDI Torque
- Cleco
- Coil Hose Pneumatics
- Crane
- Delvo
- Digitool Solutions
- DTI
- Etech
- GCI
- Jemms Cascade
- Koken
- Lubbering
- Lobster
- Kolver
- Mountz
- Nitto Kohki
- Packers Kromer
- Reelcraft
- Panasonic
- Roach Conveyors
- Snap-On Industrial
- Tohnichi
- Torq Tec
- Stanley
- Sturdevant Richmont
- Urrea
- Van F. Belknap Co

## Products

- Air Compressors Cable
- Trolleys Coaxial Hose
- Conveyors
- Custom Solutions
- Hoists
- Jibs
- Lift Tables
- Manipulators
- Pneumatic Systems
- Pneumatic Accessories
- Tool Balancers
- Rails
- Torque Arms
- Torque Calibration
- Torque Tools:
  - Cordless/Battery
  - Pneumatic
  - Transducerized
- Torque Wrenches

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# TOOLING

## Manufacturers

- AMO
- Atlas Copco
- Accurate Diamond Tool
- Apex Tool Group
- Bulbworks
- Bulbtronics
- Carborundum
- CDI Torque
- C. J. Winter
- Duramill
- EZset
- Garr Tool
- Graymills
- Grobet
- Heidenhain
- Jergens
- Koken
- Liftall Slings
- Lista International
- Lyon Work space
- Michigan Drill
- Micro 100
- Mitee - Bite Products
- Nicholson File
- Regal Cutting Tools
- Reif & Nestor
- R & R Sales
- Rhaco
- Rohm
- Standard Abrasives
- TE-CO
- Techniks
- Troke
- Vermont Tap & Die
- Vidmar

## Products

- Abrasives
- Arbor
- Boring Tools
- Carbide Tools
- Inserts
- CBN Tools
- Chasers
- Chucks & Jaws
- Collets
- Counterbores
- Countersinks
- Diamond Tools
- DRO’s
- Drills
- Drill Bushing & Rod
- End Mills
- Fixturing Systems
- Glass Scales
- Milling Cutters
- Presetters
- Punches
- Reamers
- Rotary Tables
- Safety Cabinets
- Saw Blades
- Shim Stock
- Tapping Attachments
- Taps
- Thread Mills & Inserts
- Thread Rolls
- Tool Holders
- Tooling Components
- Vises
- Work Holding

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800.438.2266
# Gaging & Metrology

## Products

- Air Gaging
- Bore Gages
- Borescopes
- Calipers
- CMM Probes/Stylus
- Coating Thickness Gages
- Coordinate Measuring Machines
- Countersink & Chamfer Gages
- Custom Gaging Solutions
- Cylindrical Plug Gages
- Cylindrical Ring Gages
- Digital Readouts
- Durometers
- Flex Plugs
- Force Gages
- Gage Blocks
- Gage Block Comparators
- Gear Testers
- Hardness Testers
- Height Gages
- I.D./O.D. Metrology Gaging Indicators
- Inspection Hand Tools
- Laser Inspection Systems
- Layout Accessories
- Linear Scales
- LVDT Electronic Probes Masters
- Measuring Machines/Horizontal Micrometers
- Microscopes
- Optical Comparators
- Optical Flats
- Optical Video Systems
- Probes and Styli
- Retrofits
- Rotary and Indexing Tables
- Roundness Measuring Instruments
- Sine Bars & Plates
- Snap Gages
- Spring Testers
- Statistical Process Control (SPC)
- Surface Finish & Profile Systems
- Surface Plates
- Tachometers
- Thread Gaging Systems-Variable
- Thread Measuring Wires
- Thread Gages (Plug, Ring & Depth)
- Transducers, LVDT
- Torque Testers & Tools
- Universal Measuring Machines
- Video Inspection Systems
- Weights and Systems

## Manufacturers

- AMO
- ASI Datamyte
- Atlas Copco
- Baty
- Bowers Meterology
- Bencor Gages
- Brown & Sharpe
- Brunswick Instrument
- Carbide Probes, Inc.
- Chicago Dial Indicator
- Clark Hardness Testers
- CDI Torque
- Dialsink Gage
- Diatest
- Dip Seal Plastics
- Dorsey
- Dundick
- Dyer
- Elcometer
- EZset
- Facsimile Compound
- Flexbar
- Fowler
- Gagemaker
- GenScope
- Glastonbury / Southern Gage
- Heidenhain
- Hemco
- Shore
- Instron
- Hexagon
- Hommel
- Imada Force Gages
- Jenoptik
- Joint DMS 680 (Micorep)
- Larson Spring Testers
- Leitech
- Mahr / Federal
- Metronics (Quatra-Check)
- Marposs
- Meyer Gage
- Micro-Hite (B&S)
- Mitutoyo
- Mountz Torque Systems
- Mueller Gage
- Ono Sokki
- Paul W Marino (PWM)
- Quadra-Check (Metronics)
- Reef Gage
- Rice Lake Weighing Systems
- Romer
- Scherr-Tumico (S-T Industries)
- Size Control
- Solartron
- SPI (Swiss Precision Industries)
- Starrett, L.S.
- S-T Industries (Scherr-Tumico)
- Stuhrling
- Suburban Tool
- Sun-Tec Corp
- Swift Microscopes
- Sylvac
- Taft-Pierce
- Taylor Hobson
- Tesa
- Thread Check
- Titan Gage
- Tohnichi
- Trimos
- Tru-Stone
- Universal Punch Co.
- Van Keuren
- Vermont Gage
- Vibraplane Systems (Kinetic)
- Vision Engineering
- Wenzel
- Werth
- Western Gage Corporation
- Zeiss
- Zero Gage
- Zero Spindle

需要测量仪器是否配备了完整的认证和SI可追溯性？

只需询问您的销售代表和Tool & Gage House的Quality Services Division*将对您的测量仪进行认证。

Be assured of total measurement integrity and credibility with Tool & Gage House’s Quality Services Division.

*ISO/IEC 17025:2017 Accredited
Quality Services Overview

The Tool & Gage House’s Quality Services Division is a modern, environmentally controlled, measuring facility, providing contract inspection, dimensional and electronic inspection, calibration and repair services. Our fully equipped calibration facility is ISO/IEC 17025:2017 Accredited. Each gage is returned with full certification and NIST traceability. With our commitment to excellence, you can be assured of total measurement integrity and credibility.

Equipment List

- Zeiss UMC- 850 (36”x48”x24”) DCC CMM
  - with Calypso Software & Zeiss Scanning Head*
- Deltronic DH-216 Optical Comparator W/ MP-200e DRO*
- Starrett Galileo Video Measuring Machine*
- Microrep DMS-680 Linear Measuring System*
- Mahr MMQ 400 Roundness System*
- Mahr LD 120 Form Tracer/Surface Finish*
- Norbar Torque Analyzer System*
- Sip 550 Linear Measuring System(2)*
- Heidenhain Certo System*
- Granite Surface Plates & Related Inspection Tools
- Pro-Pen Pneumatic Engraver

*Denotes Equipment & Services Certified for ISO/IEC 17025:2017 Accredited Inspections

Contract Measurement

Equipped with a full range of measurement equipment to provide you with First Article part inspection, PPAP, prototype verification, reverse engineering, tooling verification, and process development support. Our measurement capacity extends up to 46 x 32 x 24 inches. We offer Zeiss CMM program development and a reduced rate run time measurement of previously programmed parts. Manual Zeiss measurement is available where part programming cost is not justified or necessary. Also offering optical video, form and contour measurement services.

Services Include:

- Measurement of Complex Precision Parts
  -(Molded & Machined)*
- High Volume Receiving Inspection
- Independent Third Party Evaluation*
- First Article Inspection*
- Fixture Qualification*
- Surface Parameters And Roundness Measurement*
- Optical And Video Inspection*
- Surface Plate Layout Inspection
- Hardness Testing
- High Accuracy Linear Inspection*

*Denotes Equipment & Services Certified for ISO/IEC 17025: 2017 Accredited Inspections

Certificate Number: L1050-1
## CALIBRATION SERVICES

### Fixed and Attribute Gage

Our fully equipped calibration facility is ISO/IEC 17025:2017 Accredited. We approach the process of calibration with the greatest care assuring you the highest accuracy. Items out of specification are quoted and replaced on your approval. Every gage is returned with full certification and SI traceability.

<table>
<thead>
<tr>
<th>Gage Blocks</th>
<th>Gear/Thread Wires</th>
<th>Bench Centers</th>
<th>Durometers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylindrical Plug Gages</td>
<td>Inspection Hand Tools</td>
<td>Protractors</td>
<td>Custom Fixtures &amp; Gages</td>
</tr>
<tr>
<td>Cylindrical Ring Gages</td>
<td>(Mics, Calipers, Indicators, Etc.)</td>
<td>Sine Bars/Sine Plates</td>
<td>CMM's</td>
</tr>
<tr>
<td>Thread Plug Gages</td>
<td>Indicator Testers</td>
<td>Radius Gages</td>
<td>Video Measuring Machines</td>
</tr>
<tr>
<td>Thread Ring Gages</td>
<td>Bore Gages</td>
<td>Thickness Gages</td>
<td>Optical Comparators</td>
</tr>
<tr>
<td>Cylindrical Taper Plug Gages</td>
<td>Squares</td>
<td>Pitch Gages</td>
<td>Hardness Testers</td>
</tr>
<tr>
<td>Cylindrical Taper Ring Gages</td>
<td>Levels</td>
<td>Torque Wrenches</td>
<td>Radius Gages</td>
</tr>
<tr>
<td>Length Standards</td>
<td>“V” Blocks</td>
<td>Torque Analyzers</td>
<td>Supermicrometers</td>
</tr>
<tr>
<td>Micrometer/Caliper Standards</td>
<td>Parallel Bars</td>
<td>Force Tension Gages</td>
<td>Surface Plates</td>
</tr>
<tr>
<td>Gage Pins</td>
<td>Straight Edges</td>
<td>Height Stands</td>
<td></td>
</tr>
</tbody>
</table>

### Variable Gage Calibration and Repair

Our repair center is endorsed by many major gaging suppliers (Brown & Sharpe, Fowler, Starrett, etc). Repair is not advised if costs exceed 50% of a new gage cost.

### On-Site Calibration Services/Capital Equipment

We offer on-site service to meet your calibration needs for coordinate measuring machines, hardness testers, optical comparators, supermicrometers, surface plates, and other large pieces of equipment. Our technicians are equipped with the latest equipment for your coordinate measuring machines to certified standards for your hardness testers. All services include SI traceable certification.

### On-Site Hand Gage Calibration

We provide an on site calibration service for hand gages that can be calibrated in your facility such as micrometers, calipers, bore gages, height gages, and indicators. We clean serialize, and calibrate hand gages in your plant, saving you the trouble of shipping and loss of use. We provide calibration procedures for your basic gaging, train personnel, and help you understand how to properly maintain your gages. All services include SI traceable certification. Please call for detailed information and pricing.

### Electrical/Pressure/Temperature Gages

We are happy to offer calibration and repair of most common electrical devices, pressure gages, vacuum gages, and temperature measurement devices. You can expect the same high levels of quality and service with these devices as with all mechanical devices. Every certificate is SI traceable. Please advise make and model for price quotation.

<table>
<thead>
<tr>
<th>Amp Probes</th>
<th>Multimeters</th>
<th>Power Supplies</th>
<th>Temperature Displays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibrators</td>
<td>Megameters</td>
<td>Pressure Gages</td>
<td>Thermocouples</td>
</tr>
<tr>
<td>Decade Boxes</td>
<td>Oscilloscopes</td>
<td>RTD’s</td>
<td>Viscometers</td>
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<tr>
<td>Frequency Counters</td>
<td>Panel Meters</td>
<td>Scales</td>
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<tr>
<td>Hypot Testers</td>
<td>Ph/Conductivity Meters</td>
<td>Stopwatches</td>
<td>Please contact us for complete listing</td>
</tr>
<tr>
<td>LCR Meters/Bridges</td>
<td>Power Analyzers</td>
<td>Tachometers</td>
<td></td>
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</tbody>
</table>
The Tool & Gage House is a leader in developing “Full Time” on-site Quality Services and is pioneering true partnerships in manufacturing. The Tool & Gage House can provide qualified professionals for all of your quality needs.

Some of the services we provide are, but not limited to:

- Dimensional Metrology
- Dock Audits
- Gage Calibration
- Gage Crib Management
- Gage Lab Management
- Metallurgy
- Oil & Fuel Analysis
- Receiving Inspection
- Test Cell Calibration
- Coordinating ISO Certification
- (ISO 9000/2000, TS 16949, ISO 17025:2017 etc.)
- Torque Calibration
- Torque Tool Repair
- Torque Auditing
- Writing Quality Procedures
- Writing Quality Manual

**SERVICING INDUSTRY THROUGH INNOVATION**

The Tool & Gage House was founded in 1976, as one of the first industrial suppliers in the Southeast to offer both tooling and gaging products under one roof. Building on this concept over the past thirty years, The Tool & Gage House has expanded its product lines to include assembly and MRO products, while filling the need for a quality ISO/IEC 17025:2017 accredited metrology lab based in the Southeast.

The Tool & Gage House is a leader in developing “Full Time” on-site Integrated Quality Services (IQS). Pioneering true partnerships in manufacturing, The Tool & Gage House can provide qualified professionals for all of your quality needs. Some of the services we provide are, but are not limited to: Receiving Inspection, Gage Calibration, Dimensional Metrology, Gage Crib & Gage Lab Management, Metallurgy, Sand Analysis, and Torque Auditing. The Tool & Gage House can provide you with trained, qualified, professional technicians to meet all of your quality needs.

Tooling products offered include basic cutting tools, abrasives, coolants, carbide, CNC tooling packages, shop supplies, equipment and accessories. We also offer a full line of MRO supplies.

Gaging products offered by The Tool & Gage House range from basic plug gages and micrometers to ultra precision measuring instruments, coordinate measuring machines, optical comparators and video systems, as well as custom design and build gages and systems.

The Tool & Gage House’s Quality Services Division, ISO/IEC 17025:2017 certified, is a modern, environmentally controlled, state-of-the-art measuring facility, providing both dimensional and electronic inspection and calibration services, both off and on-site.

The Tool & Gage House, servicing industry through innovation, since 1976.