Inspection and Calibration Equipment

COORDINATE MEASURING MACHINES
CARL ZEISS – Sop Floor, Bridge and Horizontal Arm Models

CMM Fixturing
PAUL MARINO GAGES – RAYCO

CMM STYLI
CARL ZEISS – PAUL MARINO – Q-MARK – CARBIDE PROBES – RENISHAW

OPTICAL & VIDEO INSPECTION EQUIPMENT
OGP – Optical Comparators – Video Measuring Machines – Cobra Laser Profiler
VISION ENGINEERING – Microscopes
VISUAL PRECISION – Standard & Custom comparator charts

SURFACE FINISH, FORM AND CONTOUR EQUIPMENT
ZEISS/TSK – Surfcom – Rondcom – Contourecord

DESIGN & BUILD GAGING

METROLOGY CALIBRATION EQUIPMENT
PRATT & WHITNEY – Supermike-Labmike-Universal LabMaster

FORCE GAGES
QUANTROL DILLON – Tension & Compression Testing – Spring Testing

VARIABLE I.D. & O.D. GAGING
DIATEST – Split Ball & BMD Style Bore Plugs
EDMUNDS GAGES – Air & Electronic Plugs & Rings – Columns
MARPOSS – M1STAR Indicating Rings & Plugs

FIXED LIMIT GAGING (Rings & Plugs, Splines, Thread Gages)
SIZE CONTROL – HEMCO – WESTERN PEGASUS – MEYER – KY GAGE – EDMUNDS

PRECISION HAND TOOLS, SURFACE PLATES & SHOP SUPPLIES
MAHR/FEDERAL – BROWN & SHARPE – MITUTOYO – STARRETT – FOWLER

HARDNESS TESTERS
SUN-TEC “CLARK” TESTERS – Rockwell – Vickers – Brinell
Tooling and Fixturing Components

**TOOLING**
CARBAX CARBIDE (ATRAX) – Solid Carbide Drills – Reamers – End Mills – Burs

**FIXTURING COMPONENTS**
CARR LANE – Jig & Fixture Components – Drill Bushings – Chuck Jaws – Threaded Inserts
Modular Fixturing – Maintenance Hardware

**HYDRAULIC WORKHOLDING & TOOLS**
CARR LANE SWIFTSURE / ROEMHELD – Advanced Hydraulic Fixturing and Clamping Systems
ENERPAC – Industrial Hydraulic Components – Hydraulic Presses – Gauges & Fittings

**GRINDING FIXTURES**
HARIG MANUFACTURING – Grind All – Trudex Wheel Dresser – Electric Centers
SUBURBAN TOOL – Magna Sine Plates (XLO/Robbins) – Magnetic Chucks

**Laboratory Services**

**Calibration:**
- On-site calibration of Optical Comparators and Video Measuring Systems including preventative maintenance
- Accredited to ISO/IEC 17025 by A2LA
- Long Form Certificate standard
- Automotive industry approved calibration supplier
- NIST Traceable
- Service Contracts Available

**Inspection:**
- Inspection performed in accordance with ANSI Y14.5M
- First Article Inspection
- Partial Part Inspection
- Reverse Engineering
- SPC Analysis
- CMM and Vision fixture design
- NIST Traceable and uncertainty statement
- Fast turn-around

**Equipment Includes:**
- Zeiss Contura Scanning CMM
- OGP SmartScope Flash Multi-sensing Video Measuring Systems
- OGP Optical Comparators
- OGP Laser Scanning System