

**MASTER**  
GAGE & TOOL CO.

MASTERS OF METROLOGY SOLUTIONS  
AND SPECIALTY TOOLING

METROLOGY SERVICE GROUP  
[mastergt.com](http://mastergt.com)

MECHANICAL CALIBRATION

CONTRACT MEASUREMENT SERVICES

INSTRUMENT REPAIR

INTEGRATED METROLOGY SERVICES



Since 1986, Master Gage & Tool Co. (MG&T) has been a leading distributor of dimensional measurement and specialty tooling products.

Our Metrology Services Group provides mechanical calibration and inspection services in our 2,200 square foot environmentally-controlled laboratory and demonstration center. Our experienced technicians utilize the latest and most accurate systems and equipment.

Master Gage & Tool Co.'s operations conform to all ISO 9001:2000 standards and has been audited and accepted to Department of Energy Nuclear Standards. Our Metrology Services Group has received an extensive scope of accreditation to ISO/IEC 17025:2005.



### CONTRACT MEASUREMENT SERVICES

MG&T utilizes highly accurate equipment when providing inspection services for production runs or first articles inspection. Equipment includes:

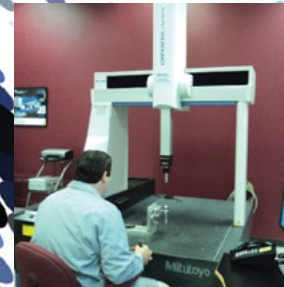
- Mitutoyo Quick Vision Apex 302 Vision Measurement System
- Vision Laser
- S-T Industries Optical Comparator
- Mitutoyo Surface Finish Roundness and Contour Measurement
- Mitutoyo Crysta-Apex S 9108 with SP25M Probe System

Our experienced technicians provide manual parts inspection as well as customer part programming for Mitutoyo CMM and Nikon NEXIV measurement systems.

VIRGINIA OFFICE  
112 Maplewood Street  
Danville, VA 24540  
434-836-GAGE (4243)  
fax: 434-835-0008

CAROLINAS OFFICE  
Carolina Center Business Park  
2828-L Queen City Drive  
Charlotte, NC 28208  
704-393-1995  
fax: 704-393-3650

[mastergt.com](http://mastergt.com)



Lab Administrative Team (Front to Back):  
Judy Nozzi, Michelle Moore, Kim Powell  
and Penny Gauldin

## MECHANICAL CALIBRATION

MG&T provides full mechanical calibration services of thread gages, cylindrical gages, measuring tools and miscellaneous gages. Careful handling and consideration is taken in all aspects of calibration and inspection including gage cleaning and inspection, calibration certification reports and any required inspection report. MG&T also provides the following:

- Calibration and service in an environmentally controlled laboratory
- Most advanced and accurate equipment available
- Experienced and qualified technicians
- Great service with a 5-8 day turnaround and RUSH 2-day service when requested

## CUSTOMER SITE CALIBRATION

To meet the evolving needs of our customers, MG&T provides expanded customer-site calibration services 24 hours a day/7 days a week. Services include:

- Full mechanical calibration of gages
- Optical Comparator calibration, certification and repair
- Hardness Tester calibration certification and repair
- CMM calibration and certification (repair on certain makes and models)
- Surface Plate calibration, certification and relap if necessary
- All reports comply with requirements of ANSI/NCSL Z540-1 ANSI STANDARDS, ISO/IEC 17025:2005 specifications

## REPAIR SERVICES

### MG&T In-house Instrument Repair Center

Quick quality repairs can now be serviced locally. MG&T's in-house Instrument Repair Center repairs all dimensional measurement tools including digital and mechanical micrometers, calipers, indicators and height gages. Send us your damaged tools and save the cost of expensive replacements. We service tools from the following manufacturers:

- Brown & Sharpe
- Federal
- Mahr Federal
- Scherr-Tumico
- Fowler
- L.S. Starrett
- Mitutoyo
- SPI

## IMS INTEGRATED METROLOGY SERVICES

MG&T offers MASTER Management of your dimensional measurement needs with our Integrated Metrology Services (IMS). IMS provides customized on-site full metrology services on a contractual basis. This on site service is individually tailored to your company's level of need and offers numerous cost savings to your bottom line.

### IMS offers:

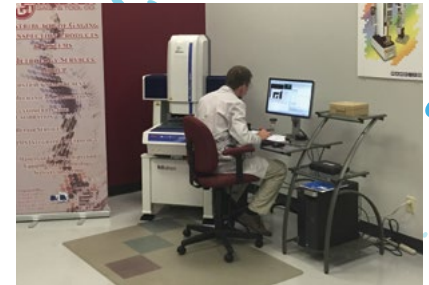
- Integrated procurement of gaging products
- Negotiation of special contract pricing for gage purchases
- Administrative cost savings
- Complete dimensional calibration services
- Complete contract measurement services
- Management of all non-dimensional calibration services
- Management of gage repairs
- On site service

## TECHNOLOGY LIST

Below are a sample of the highest accuracy systems and equipment utilized by our Metrology Services Group:

- Pratt & Whitney Labmaster Universal
- Pratt & Whitney Supermicrometer (3)
- Pratt & Whitney Universal Supermicrometer
- Carl Zeiss Universal Measuring Microscope
- Mitutoyo QuickVision Apex 302 Vision Measurement System
- Mitutoyo SurfTest SV 2000 Surface Finish Analyzer
- Mahr Electronic Levels
- COI 5000-3 Suretest Torque Calibration System

MasterCard, VISA and American Express Accepted



Onsite Technicians: Vincent Braunsberg & Charles Lewis

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