



MASTER
GAGE & TOOL CO.

THE MEASURED DIFFERENCE

PRECISION METROLOGY SOLUTIONS
THAT IMPROVE OUTCOMES

www.MASTERGT.com

SINGLE-SOURCE METROLOGY SOLUTIONS THAT DRIVE PRODUCTIVITY.

Master Gage & Tool Co. delivers precision measuring, testing and calibration services for dimensional automation and control systems. Since 1986, we've helped strengthen our customers' operations by providing extensive technical experience, advanced technology and the unique ability and capacity to meet each customer's exact requirements—delivering comprehensive metrology management, from one trusted partner.



+ CERTIFIED.

MG&T is accredited by A2LA to ISO/IEC 17025 with an extensive scope of accreditations including mechanical and dimensional calibration, inspection and repair services, as well as customer-site calibration.

+ TEST TO MAXIMUM LIMITS.

Our calibration methods go beyond industry-standard requirements: We test to maximum limits for reliable, more precise measurement results.

+ CUSTOMIZED TO YOUR QUALITY STANDARDS.

Our skilled technicians fine-tune and maintain your equipment's calibration based on your specific standards—which ensures your requirements are fulfilled, resulting in greater productivity and throughput.

+ ONE POINT OF CONTACT.

A dedicated team manages all elements of your metrology program—from mechanical and electronic to dimensional—and you get one direct point of contact for simplified project management and accessible customer service.

DIMENSIONAL CALIBRATION

Our skilled work teams provide full-spectrum dimensional calibration services for threaded gages, cylindrical gages, measuring tools and miscellaneous gages—solutions that help you improve processes, drive efficiencies in your operations and provide partners to fulfill all calibration requirements outside our scope of services.

- + Work performed in our state-of-the-art, environmentally controlled laboratory: A2LA accredited to ISO/IEC 17025
- + Equipped with the most advanced, accurate equipment and technology available to yield measurements to the tightest tolerances
- + Calibration methods that surpass industry-standard measurements, going above and beyond the baseline to provide greater precision
- + Comprehensive services include thorough gage cleaning and inspection, detailed calibration certification reports, as well as additional and/or required certification data
- + Expertly managed by our highly skilled technicians—you get a dedicated team that understands your unique requirements—with one accessible point of contact
- + Prompt, reliable service with 5- to 8-day turnaround and 2-day RUSH service available



CUSTOMER-SITE CALIBRATION

To meet your evolving needs, we provide expanded ISO/IEC 17025 A2LA accredited customer-site calibration services, 24/7. Our metrology solutions support your specific process calibration requirements.

- + Full dimensional gage calibration
- + Optical comparator calibration, certification and repair
- + Hardness tester calibration, certification and repair
- + CMM calibration and certification (repair on certain makes & models)
- + Surface plate calibration, certification and repair
- + Vision measurement system calibration
- + Coordinate measuring system verification
- + Hand tool calibration

CONTRACT MEASUREMENT

MG&T provides high-quality measurement results specific to your individual applications: We incorporate state-of-the-art technology and equipment into customized work plans, delivering precision inspection services for production runs or first article inspections, including tools, fixtures and assemblies.

MG&T's expertise includes manual parts inspection as well as custom part programming for Mitutoyo CMM and Mitutoyo Hyper Vision Measurement Systems. For example, we program a Mitutoyo CMM in MCOSMO which is essential for custom inspections.

Our equipment's measuring range is extensive, best positioning us to manage jobs for our customers, on all scales. Premium equipment includes:

- + Mitutoyo Quick Vision Hyper Vision Measurement System
- + Vision Laser
- + Mitutoyo Surface Finish Roundness and Contour Measurement
- + Mitutoyo CMM
- + Mitutoyo QV Hyper 202 Pro Vision Measurement System
- + Mitutoyo Crysta Apex S 9108 with MCOSMOS Software



IMS: INTEGRATED METROLOGY SERVICES

IMS provides comprehensive management of your dimensional measurement needs with customized metrology services on a contractual basis. This efficient on-site service is custom designed for your company's specific level of need, with our team working as a seamless extension of yours. The result is improved all-around performance, with attractive bottom-line cost savings.

Our total IMS solution includes:

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

REPAIR SERVICES

Send us your damaged tools and eliminate expensive replacements: MG&T's in-house instrument repair center ensures quality, quick-turn repairs, serviced locally.

We repair all dimensional measurement tools including digital and mechanical micrometers, calipers, indicators and height gages. **We service tools from major manufacturers, including:**

Mitutoyo

Mahr



RENISHAW
apply innovation™

Starrett

Newage
hardness testing



TESA
TECHNOLOGY



Bruker alicon

GUHRING
The Tool Company

DRIVE PROCESS INTEGRITY & OPERATIONAL OUTPUT. CONNECT WITH MG&T to get started on your customized metrology program.

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