



Automation and Metrology Inc.



The American Measuring Tool Manufacturers Association (AMTMA) stands for serving, supporting, and educating American precision tool manufacturers and their pursuit of competitiveness in world markets



Located just outside of Cleveland, Ohio

At AMI we believe.....

that the best product is delivered through the closest possible customer relationships. We foster these relationships through comprehensive leadership that eliminates the need for additional distributor involvement.

Automation and Metrology will successfully identify your need, match any existing requirement and manage the flow of products to your location.

That's why we have all the mechanical and engineering services under one roof as well as vital inventory that allow our clients to take the fullest advantage of our product knowledge. Since 1987 AMI has been a dependable and Innovative Industrial Distributor for America's Manufacturers.



Automation and Metrology Offers

Position feedback. For linear and rotary systems such as linear scales, length gages and rotary encoders with incremental or absolute feedback a computer control, digital readout or PLC. We offer solutions for new applications, replacement parts, and crossovers for obsolete or expensive OEM parts.



Gages. We have access to five different gaging databases throughout the country. We supply ring, pin and plug gages of all types and all tolerances. We can submit quotes to you with the best price and the best delivery to your company within 2 hours.



Metrology. If you need to measure it, we have a solution. We offer all the name brand manufactures such as Mitutoyo, Brown and Sharpe, Starrett, Fred V. Fowler and more. Our web page offers daily and quarterly specials on micrometers, calipers, indicators and surfness testers, straight from the manufacture.



Automation and Metrology Inc.

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**Material Stops, Pushers
and Measuring Machines**



Heidenhain

Heidenhain is the premier manufacturer of precision measuring and control systems. They offer complete CNC control packages with drives and motors as well as Rotary, Angular and Linear encoders, DRO systems, sub-micron gauging systems and machine tool inspection equipment. A continuous drive to provide technically superior products in combination with reliability, closeness to the customer and a practice oriented frame of mind form the basis of Heidenhain's efforts.



Acu-Rite

ACU-RITE is the #1 leading brand of readout systems in the world! They also offer precision glass scales with superior accuracy, multiple resolutions and durability in even the harshest machine shop environment. Their MillPwr CNC Control Systems provide a cost effective solution to increase the efficiency, productivity and profitability of manual milling machines. Acu-Rite's motto is: "ACCURACY is EVERYTHING!"

Sony

Sony is the world's largest producer of precision measurement and positioning tools, machinery and scientific apparatus. Sony's innovative Magnescale concept of applying magnetic recording technology to position transducers provides accurate and reliable performance in the harshest industrial environments associated with coolants, oil, metal chips and dust. Magnescale technology set Sony apart from other industry manufacturers. Sony's broad product line can be applied to virtually all metalworking, woodworking and general manufacturing machines, manual or automatic that has positioning requirements.



Solartron Metrology

Solartron Metrology, is a world leader in the design and manufacture of precision dimensional measurement, position measurement transducers and instrumentation. Solartron Digital Probes, Linear Encoders and their digital transducers combine the benefit of high accuracy with the flexibility of their easy to use Orbit digital interface. The analog technology offers fast and accurate analog gauge probes, displacement transducers and associated LVDT signal conditioning electronics.



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Vermont Gage

Vermont Gage manufactures top quality, made in the U.S.A., precision measuring instruments for the fixed limit gage industry. Whether you need english or metric metrology instruments; a single gage or gage set, Vermont Gage provides for all of your gage needs. If you are looking for a pin gage, plug gage, thread gage, ring gage, trilock gage or taperlock gage, english gage set or metric gage set, look no further. Vermont Gage will fill all of your metrology needs.



Glastonbury Gage

GSG offers high quality thread gages such as rings plugs and masters gages. They also can help solve your calibration issues for: hand held tools (Surveillance Masters), Coordinate Measuring Machines and other touch probe systems (Quikchek) and roundness/cylindricity equipment (Geocheck). Their close tolerance manufacturing capabilities can be used to build your gaging fixtures or repair/rework them. They also offer the GSG Zero Spindle System. This system is accurate (T.I.R less than .000020"), rugged, versatile and economical. It can chuck on a wide array of parts, ID or OD. The I.D. features collets, push arbors or 3-jaw chucking capabilities. GSG is your source for special gaging!



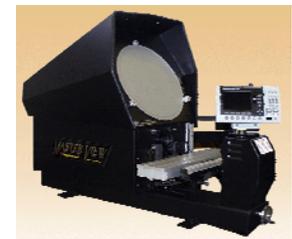
Suburban Tool

SUBURBAN TOOL, INC. has 40+ years experience in manufacturing the highest quality work holding tool products and inspection equipment. A significant part of Suburban's quality is due to their experienced craftsmen adhering to precision standards. Suburban's products are manufactured by using exacting procedures. They offer Angle Plates, Magnetic Chucks, Optical Comparators, Vises, Parallels, Pallet Fixtures, Hoist Rings, Sine Sets, and Index Fixtures. The products shown are proudly MADE IN THE USA!



Universal Punch

For concentricity Gages and custom machine work, Universal Punch Corp. is known for maximum quality and dependability. Their state-of-the-art manufacturing facility is capable of producing standard as well as exotic tooling and gaging. Modern fully Automatic CNC 6 Axis Grinding, CNC Turning for production, CNC milling, wire EDM, conventional EDM, and custom press-type work, allow them to perform for you with speed, reliability and precision. They offer basic gage fixtures as well as turnkey automated gage systems to suit your particular requirements. Their services conform to ANSI/NCSL Z540-1 and ISO-17025.



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Mitutoyo

Founded in 1934, Mitutoyo supports the fundamental technology of industry and continues to provide innovations to manufacturing. They are committed to their customers and their success. Mitutoyo has become the largest manufacturer of precision hand tools in the world and continues to grow through R & D and innovative measuring devices. Mitutoyo offers hand tools such as indicators, calipers, micrometers and surface testers. Mitutoyo is continuously expanding their capabilities and scope of accreditation.

Fred V Fowler

The Fred V. Fowler Company is globally recognized as one of today's leading suppliers of quality control and inspection equipment. Founded in 1946, they have dedicated their 54 year history to supplying the most innovative measuring products possible. Fowler continues to introduce important new tools designed to lead the way in inspection and measuring. Familiar items including calipers, micrometers, indicators, height gages and bore gages have been redesigned and now feature state of the art electronics to ensure compatibility with the latest in computer integrated manufacturing and statistical process control (SPC).

Sciencscope

Sciencscope understands the difficulties a customer goes through when ordering a product from 10 different line items in order to get one complete system. To avoid the complications for their customers, they have created a complete Stereo Zoom Microscope Video Packages using their newest SSZ Trinocular Microscope and Binocular Microscope Systems Precision at its finest!. Using high grade optics and precise mechanical assembly; their microscopes and video packages provides clear and aberration free 3D images; which stay in focus throughout the entire magnification range. A 6.7:1 zoom ratio and 100mm working distance. Auxiliary lenses are available as well as video cards, PC's Software and video monitors.

Automation and Metrology's Manufacturers

Heidenhain

Acu-rite

Anilam

Fagor

RSF Electronics

Numka Jenka

Sony

Ono Sokki

Koyo Encoder

Lika Electronics

Northstar

Metronics

Solartron Metrology

Universal Punch

Taft Pierce

Suburban Tool

Kentucky Gage

Sciencscope

F.V. Fowler

Mitutoyo

Brown & Sharpe

Custom Gages

Vermont Gage

Glastonbury Gage

Southern Gage

Greenfield Gages

PMC Gage



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