

DIVERSE METROLOGY CAPABILITIES



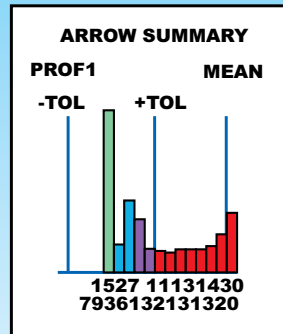
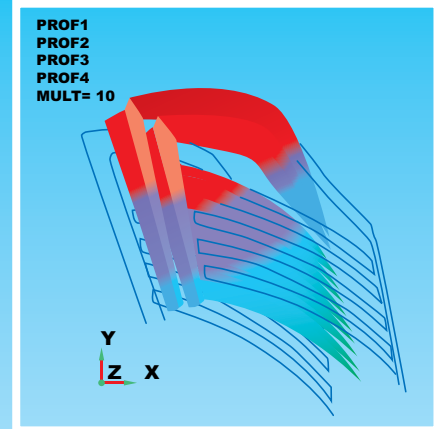
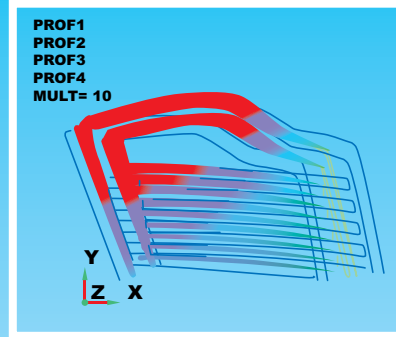
MOLD TESTING & PROCESS DEVELOPMENT

EQUIPMENT (Partial List*)

- 2) Browne & Sharpe Global CMMs
- 1) Browne & Sharpe Mistrial CMM
- 3) Browne & Sharpe MicroXcel PFX CMMs
- 1) Zeiss Eclipse CMM
- 2) Sciencscope XT2000 Programmable Vision Systems
- 4) Flexbar Opti-Flex Programmable Vision Systems
- 2) Nikon VM-150 Automated Programmable Vision Systems
- 1) OGP SmartScope CNC/Flash 500 Programmable Vision System
- 1) OGP SmartScope MVP 300 Programmable Video System W/Touch Probe & 3D Software
- 1) OGP SmartScope Programmable Video System
- 1) OGP Optical Comparator (14" Basic Bench)
- 1) Gage Master Optical Comparator (14" Basic Bench)
- 1) GretagMacbeth ColorEye XTH Spectrophotometer
- 1) Arizona Equipment Computrac Moisture Analyzer
- 1) Digimar CX1 Height Gage
- 2) Chatillon LTCM-100 Digital Force Gages
- 1) Instron 5565 Tensometer
- 1) Lloyd LF Plus (Tension & Compression)

* Press-side instrumentation is not listed. This list may change without notice; our equipment is updated on a regular basis.

We use an integrated system of metrology, molding presses, automation, and experience to provide full system qualification to meet your demanding schedule.



PROF1 SCN6	
NM	0.000
+T	0.300
-T	0.300
MS	0.602
DV	0.602
NP	296

-	0.0- 11.1%	11.1- 22.2%	22.2- 33.3%	33.3- 44.4%	44.4- 55.6%	55.6- 66.7%	66.7- 77.8%	77.8- 88.9%	88.9- 100.0%	+	LIMITS
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The MGS Mfg. Group's process development and metrology is executed in a dedicated lab environment (Statistical Plastics Corporation) that is isolated from manufacturing demands. Molds are qualified and processes developed to ensure seamless transition into full production. Part inspection with the latest measuring technologies verifies precision and performance to your company's database and prints. MGS prepares molds for optimal performance and ensures quality results.

From concept validation to full production systems, our process technicians are capable of executing basic to advanced process qualifications. Our floor consists of the latest equipment, single and multishot presses, full integration of robotics, and automation to streamline the transfer of molds into production. Designers, moldmakers, software, and automation (all located in the same facility) are coupled with highly skilled manufacturing technicians providing you with the formula for success. We offer the skill and knowledge to successfully sample your single and multishot molds.

We Offer:

- ◀ Mold & Part Qualification
- ◀ Full System Qualification
- ◀ Process Development
- ◀ Material Testing & Validation
- ◀ State-of-the-Art Equipment & Software
- ◀ Advanced Product Quality Planning (APQP)
- ◀ Pressure Transducer Technologies for Product / Process Qualification



ISO 9001:2000 Certified
UL (Underwriters Laboratories) Regulated