

TMI is constantly evaluating our capabilities as they relate to our customer's requirements. We will add the necessary standards to satisfy our customer's calibration requirements whenever possible. This year we have acquired the standards listed below in order to provide more complete support to our customers. In some cases we have just duplicated capabilities at additional labs to increase regional capabilities.

TMI Rockford Updated Capabilities

Surftest SV-3200 Series 178 -Surface Roughness Tester

Mitutoyo's Surftest SV-3200 Series provides high-accuracy, high-level analysis and multi-functionality in three dimensional analysis and measurement of fine contour, as well as the conventional type surface roughness measurement



Rockford, Illinois

MODAL SHOP 9350C SOUND MEASUREMENT SYSTEM

With the addition of the Modal Shop 9350C Calibration Workstation, we can perform NIST traceable High Accuracy Sound Level calibrations on microphones, preamplifiers, preamplifier conformances and sound sources from 20-100,000Hz.



the most advanced
calibration & testing laboratory...

TMI Technical
Maintenance
Incorporated
Calibration Laboratories

TMI Colorado Updated Capabilities

New Force Stand and Capability Range Increase to 25,000 lbf.

TMI Colorado has recently become accredited up to 25K lbf in both Tension and Compression thanks to our new Morehouse Universal Calibrating Machine. We are able to provide the highest levels of calibration including ISO/IEC 17025 and Z540.3 calibrations with a best case uncertainty of 0.017% of reading!



Banding Tool Calibrator

With our new Banding Tool Calibrator, TMI Colorado has become your resource for calibrating Band-it style banding tools. We offer a 3-5 business day turnaround (Less Shipping) and are helping our customers get their tools back in a timely manner. The Band-Master™ ATS Digital Calibration Kit has a range of 0-500 lbs with an accuracy of +/- 1 lb. TMI is pushing the industry on these tools by offering ISO/IEC 17025 Accredited and Z540.3 calibrations.



TMI Melbourne, FL Updated Capabilities

Fluke P3224 Water Deadweight Tester

New to our Melbourne, FL. Calibration lab is our Fluke P3224 Water Deadweight Tester. This very robust and flexible pressure measurement standard is equipped with piston floatation indicators and gives us the ability to test pressure ranges of 10 to 10,000 psi with a 0.008% of reading accuracy. It is a water based system and remains in the lab to provide you with the most accurate of readings.



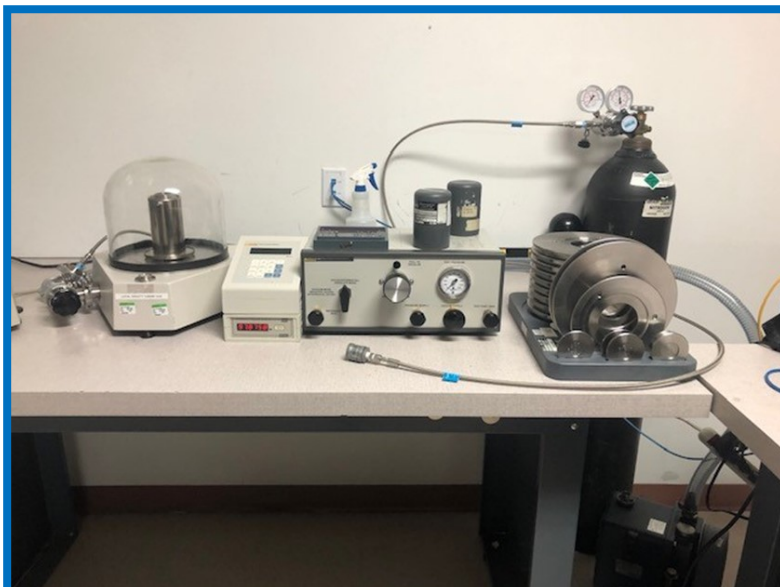
TMI Hilliard, OH Updated Capabilities

DHI Deadweight Pressure Calibration system

TMI purchased a new DHI deadweight pressure calibration system. This system provides a high accuracy of pressure source from 0-30,000 PSI. It utilizes nitrogen for a clean system up to 3,000 PSI and oil up to 30,000 PSI for a stable measurement.

We have capability to calibrate:

- Pressure and Vacuum Gauges/Transmitters
- Digital Pressure Gauges/Transducers, Deadweight Testers, Pressure Modules & Sensors
- Digital Manometers, Barometers, Valves, and Pressure Calibrators
- Analog Pressure and Test Gauges
- Process Gauges



TMI Hilliard, OH
New Mass Capabilities

TMI purchased four new mass comparators with master mass sets. This new capability is included in our Scope of Accreditation to ISO/IEC 17025 by ANAB.

We have redesigned the Cold Room Laboratory in our Hilliard Ohio facility to provide a stable environment for your mass calibrations in order to provide a high level of accuracy. Our Mass Laboratory now includes marble anti-vibration tables and environmental monitoring to ensure stable air pressure, temperature, and humidity. We have also added an area for cleaning of your equipment in order to provide the appropriate before and after data.

Weight Class Capability:

ASTM Class 1, 2, 3, 4, 5, 6, 7, F

OIML Class E2, F1, F2, M1, M2, M3

Mass Range Capability:

Metric from 1 milligram up to 25 kilograms.

Avoirdupois from 0.001 pounds up to 50 pounds.



the most advanced
calibration & testing laboratory...



TMI Hartford, Connecticut
New Temperature Capabilities

TMI purchased three new temperature baths, a triple point of water cell, a LN2 cell, an annealing furnace, and a super thermometer with a SPRT probe. Our range covers -196°C to 550°C. These standards have been placed in our Hartford, CT lab.

We have added the capability to calibrate, RTDs, PRTs, and other high accuracy temperature probes. We have the ability to provide ITS-90 coefficients, system calibrations, or both to meet all of your temperature needs.

RF Standards up to 26.5GHz.

We have capability to calibrate Spectrum Analyzers, Power Meters, Frequency Counters, Network Analyzers, Signal Generators, and Attenuators up to 26.5 GHz with our new MMR, Signal Generator, Power Meter, and Sensors.

