

ORNL Metrology Laboratory is Internationally Recognized NVLAP Accreditation Gives Measurements Made by ORNL Metrology World-Wide Credibility

Located in Buildings 5510A and 2547, the ORNL Metrology Laboratory tests, adjusts, and certifies the accuracy of instruments used for research, process control, or facility environment monitoring.

ORNL Metrology Accredited by NVLAP

The ORNL Metrology Laboratory is accredited to the internationally recognized standard, ISO 17025, by the National Voluntary Laboratory Accreditation Program (NVLAP) which is a service of the National Institute of Standards and Technology (NIST). NVLAP Accreditation is officially recognized and highly respected worldwide; so measurement data traceable through ORNL Metrology Laboratory can be presented, with absolute confidence, to anyone else in the international Science and Technology community. The ORNL Metrology Laboratory's accreditation scope and accuracy data can be found on the NVLAP web site at <http://ts.nist.gov/Standards/scopes/2006590.pdf>.



State-of-the-Art Pressure Measurement

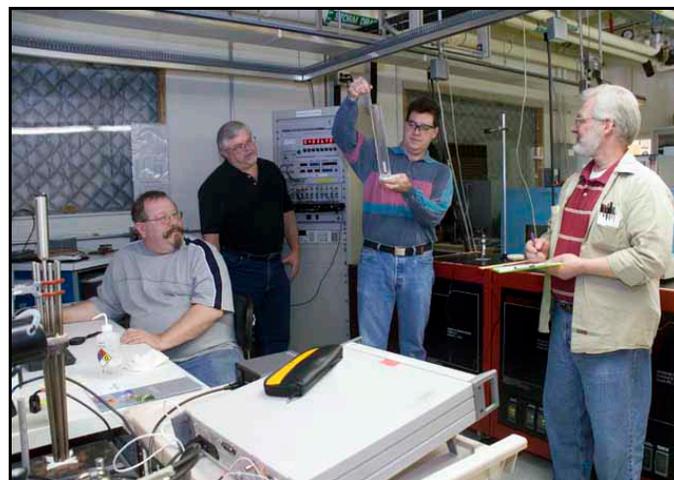
The ORNL Metrology Laboratory Certifies Instruments that Measure:

- Temperature* ITS-90 Fixed Point and Comparison
- Pressure*/Vacuum
- Gaseous State Flow*
- Air Velocity
- Frequency*
- Relative Humidity*
- Electrical* (voltage, current, etc.)
- Mass*
- Mass Balance*
- Temperature (including infrared pyrometers)
- Dimensional

* NVLAP accredited disciplines

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Direct Realization of ITS-90 Temperature Scale