

Troemner NVLAP Scope of Accreditation

TROEMNER PROVIDES THE FOLLOWING NVLAP ACCREDITED CALIBRATION SERVICES:

Mass / Weight

- NVLAP* accredited from 1mg through 2000kg (0.000035 oz through 5000 lb) with capabilities as low as 0.050 mg.
- Services include NVLAP* and UKAS** Certificates of Calibration, NVLAP* Density Determination Calibrations, and NVLAP* Magnetic Susceptibility Determination Calibrations

Pipettes

- NVLAP* accredited from 0.1 µl through 10 ml with capabilities up to 100 ml.
- Troemner can repair, calibrate and provide NVLAP* certificates for pipettes, repeaters, and burettes regardless of manufacturer

Temperature

- NVLAP* accredited from -196°C through 660°C for Comparison Calibrations, Fixed Point Calibrations from the Argon triple point through the Zinc freezing point (-186.3443 through 419.527°C). Liquid-in-glass calibrations from -35°C through 250°C. Fixed point capability to calibrate up to the Aluminum freezing point (660.323°C).
- Devices serviced include SPRT's, RTD's, thermistors, digital readouts, liquid-in-glass thermometers, and thermocouples

Pressure

- NVLAP* accredited from 0 to 1000 psi with accuracy as low as 0.003% of reading
- Types of instruments serviced include gauges, transducers, calibrators, monitors and dead weight testers

Humidity

- From 10% to 95%
- NVLAP* accredited calibrations on a wide variety of humidity measurement devices including chart recorders, data loggers, hygrometers, hygrothermographs, sensors, humidity generators and dewpoint hygrometers.
- NVLAP accredited dew point calibration from -20°C to 70°C.

Dimensional

- NVLAP* accredited from 0.05" to 10" with capabilities up to 18".
- Types of devices serviced include calipers, micrometers, depth gauges, and rulers.

Electrical

- Electrical Calibrations are NVLAP* accredited and include DC Voltage, DC Current, AC Voltage, AC Current, DC Resistance, and AC/DC Power. Capabilities include capacitance calibration.

Thermal Mass Flow

- NVLAP* accredited from 2 sccm through 100 slpm.
- Troemner can repair, resize, and calibrate thermal mass flow meters and controllers from virtually any manufacturer. Variable volume meters (rotameters) can also be calibrated and serviced.

TROEMNER ALSO OFFERS ADDITIONAL CALIBRATION SERVICES TO MEET YOUR UNIQUE NEEDS:

Time & Frequency

- ISO/IEC 17025 compliant calibrations are available for timers, stopwatches, frequency/timer counters and synthesizers