

# VACUUM GAUGE AND GAS LEAK STANDARD CALIBRATION SERVICES

FROM THE HIGHEST VACUUM TO THE LOWEST FLOW



Our calibration laboratory operates in compliance to the most recent ISO standards for calibration laboratories. We are independently accredited by A2LA to ISO17025-2005 and ANSI/NCSL Z540-1994. Our lab follows American Vacuum Society recommended practices and all calibrations are NIST-traceable.



## VACUUM GAUGES

PART #	DESCRIPTION	GAUGE TYPE	RANGE
LSGC0001	Rough Vacuum	Bourdon Tube	0 to 30 inHg
LSGC0002	Rough Vacuum	Quartz, Piezo, Industrial Vacuum Sensors	760 to 1 torr
LSGC0003	Medium Vacuum	Thermocouple, Pirani, Convection Sensors	760 to 10 <sup>-3</sup> torr
LSGC0004	Medium Vacuum	Capacitance Manometers	1000 to 10 <sup>-3</sup> torr
LSGC0005	High Vacuum, Standard	Standard Ion Gauge, Cold Cathode Gauge	10 <sup>-3</sup> to 10 <sup>-7</sup> torr
LSGC0006	High Vacuum, Precision	High Accuracy Ion Gauge	10 <sup>-3</sup> to 10 <sup>-7</sup> torr
LSGC0007	Wide Range Medium Vacuum	Hybrid Combination Sensors	1000 to 10 <sup>-4</sup> torr
LSGC0008	Wide Range High Vacuum	Hybrid Ion & Cold Cathode Sensors	1000 to 10 <sup>-7</sup> torr

**GAUGES:** Ionization—Cold Cathode—Quartz/Piezo Pirani Thermocouple—  
Capacitance Diaphragm—Bourdon Tube—Spinning Rotor Gauge

**GASSES:** Nitrogen (others upon request)

**UNCERTAINTY:** Typically < +/- 9%

For over 28 years, LACO Technologies has provided superior products and services to the vacuum industry.

- We calibrate vacuum gauges and gas leak standards from all manufacturers.
- Fast turnaround service available at no extra charge.
- Purchase your new vacuum gauges and leak standards from us and receive discounted calibration pricing.



## GAS LEAK STANDARDS

CAPABILITIES	RANGE	UNCERTAINTY
<ul style="list-style-type: none"> <li>• Comparison Method – Helium</li> <li>• Primary Volume Change – All gasses</li> <li>• Primary Rate of Rise – All gasses</li> <li>• Primary Volume Change to Atmosphere – All gasses</li> </ul>	<ul style="list-style-type: none"> <li>• 10 atmcc/sec to 10<sup>-10</sup> atmcc/sec (helium)</li> <li>• 10 atmcc/sec to 10<sup>-8</sup> atmcc/sec (other gasses)</li> </ul>	Typically < +/- 10%

LACO also manufactures a complete line of gas leak standards for calibration of vacuum and sniffing leak detectors, pressure decay leak testers and mass spectrometers.