LACO TECHNOLOGIES

CALMASTER™ LEAK STANDARDS

LACO has been a trusted and accredited provider of calibrated leak standards since 1998. With over 26,000 CalMaster leak standards manufactured, we have the experience and technology to ensure your leak testing success. Our leak standards are NIST traceable and our labs holds A2LA accreditation to both ISO 17025:2017 and ANSI/NCSL Z540-1-1994 standards. Our leak standards utilize micro-tube capillary technology and stand as the foremost leader in the industry for its unparalleled stability and reliability.

FEATURES

- Stable and reliable leak standards
- Standard and custom design options
- Broadest range of leak rates (10^{-10} to 84 atm-cc/sec) and gases offered
- Easily refillable reservoirs
- Standard designs available in 3 weeks. Expedited options available.
- High quality stainless steel welded construction
- Lifetime product warranty
- Responsive technical staff

Custom Designs: Within each category of leak standards, LACO offers custom design options to meet your process needs. We specialize in high pressure leak standards and small open style leaks that imitate actual part geometry. These leaks are used for system calibration and validation by replacing the actual test parts.

MORE INFO

CALMASTER LEAK STANDARD FAMILIES

	RESERVOIR LEAK STANDARD	OPEN STYLE LEAK STANDARD	SNIFFER LEAK STANDARDS	AIR LEAK STANDARDS
LEAK EXHAUST CONDITION	Vacuum	Vacuum	Atmosphere	Atmosphere
GAS	Any Gas, but primarily helium	Any Gas, but primarily helium	Helium, hydrogen or refrigerant gases	Air or N2
LEAK RATE RANGES	10^{-10} to 10^{-3} atm-cc/sec	10^{-10} to 84 atm-cc/sec	$1e^{-6}$ to $1\ e^{-1}$ atm-cc/sec	0.05 to 5,000 sccm
FEATURES / OPTIONS	• Reservoir sizes from 115 cc to 1000 cc • All metal, welded design options • Manual or automated isolation valve options • Multiple design and outlet connection options • Internal leak standards for calibrating helium leak detector (LACO, Alcatel / Pfeiffer and Inficon)	• Customer supplies regulated gas to leak standard • Multiple outlet and inlet connection options • Small footprint design with ability to customize	• Reservoir sizes from 115 cc to 1000 cc • High accuracy, customized sniffer probe outlets • Open style design options	• Multiple inlet and outlet connection options • High pressure options
APPLICATIONS	• Calibrate helium leak detectors • Calibrate leak test system / process • Calibrate RGA	• Calibrate leak test system / process • Leak test process verification	• Calibrate sniffer leak detectors • Calibrate sniffer leak testing systems / process • Calibrate refrigerant leak detectors	• Calibrate air leak testers • Calibrate or validate any air leak testing system / process