



# VACUUM TECHNOLOGY I N C O R P O R A T E D

## Four Port Helium Leak Comparison Calibration System



### Specifications

- **Product:** Calibrated Leaks
- **Gas:** Helium
- **Calibration Method:** Comparison
- **Leak Rate:**  $1 \times 10^{-10}$  to  $5 \times 10^{-4}$  atm-cc/sec
- **Turbo Pump Size:** 67 L/Sec
- **Port Capacity:** Four
- **Temperature Enclosure Size:** 2 ft<sup>3</sup> (Qty 2)
- **Installation Date:** 2017

VTI's Four Port Helium Leak Calibration System is engineered to provide reliable in-house recalibration and certification of Helium Calibrated Leaks.

This fully automated system is based on a Helium Mass Spectrometer Leak detector and utilizes the "comparison" method of calibration. The "comparison" method uses a "standard" leak of known leak rate to determine the unknown Unit Under Test (UUT) leak rate.

The system is capable of controlling the UUT and the two standards, a primary standard and a check standard, at different temperatures using separate temperature control hardware. This allows the system to measure temperature coefficients.



Can't send us your leaks for recalibration?  
No Problem... We'll build you a calibration system!