



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

## • $\Delta P \Delta V$ Primary Leak Calibration System •



### Specifications

- **Product:** Calibrated Leaks
- **Gas:** All Types
- **Calibration Method:** Primary
- **Leak Rate:**  $1 \times 10^{-9}$  to  $1 \times 10^{-4}$  atm-cc/sec
- **Port Capacity:** Three
- **Measurement:** MKS SRG & Baraton Equipment
- **Turbo Pump Size:** 67 L/sec
- **Installation Date:** 2014

VTI's Delta P Delta V Primary Leak Calibration System (dPdV-PLCS) is engineered to provide reliable in-house recalibration and certification of calibrated leaks.

This fully-automated system is based on the rate of rise primary method for calibrating leaks. Also included, is a Residual Gas Analyzer (RGA) for verifying gas concentrations and leak testing the system. The three test ports are surrounded by a temperature enclosure that automatically controls the temperature based on operator inputs. The bake-out enclosure containing the high vacuum portion of the system, reduces pump times by accelerating outgassing.

VTI has been the leader in providing leak calibration services, and VTI utilizes this experience in the systems that we have designed and built for our customers.



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