

LEAK DETECTORS

Parts

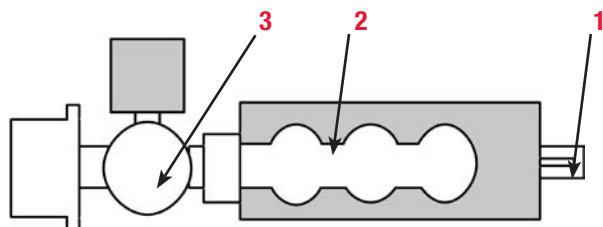
CALIBRATED HELIUM LEAK

DUNIWAY PART #	DESCRIPTION	PRICE
LEAK-7-CERT	10 ⁻⁷ std cc/sec with NIST Certificate	\$440.00
LEAK-8-CERT	10 ⁻⁸ std cc/sec with NIST Certificate Certification Traceable to NIST (NBS) Standards	440.00
LEAK-CERTIFY	NIST Certification Renewal	275.00

UNBREAKABLE HELIUM LEAK

DUNIWAY PART #	DESCRIPTION	PRICE
LEAK-T-7-CERT	10 ⁻⁷ std cc/sec with NIST Certificate	\$650.00

This calibrated helium leak is different than most in that it has a Teflon™ membrane instead of the traditional glass, rendering it virtually unbreakable. It has the same form factor and operation as glass-walled leaks and has been successfully tested for stability over extended periods of time.



1. Helium gas filled to 1 atmosphere and sealed here with copper pinch-off.
2. Helium reservoir approximately 100 cc. Helium gas diffuses through the glass walls at a steady rate, which increases with rising temperature.
3. In use, this valve allows the helium to pass into the mass spectrometer. The leak rate, and the lifetime of this leak are both totally unaffected by whether the valve is open or closed.

Items shaded are handled on a Rebuild/Exchange basis only.
Please call us for a
RMA (Return Merchandise Authorization) number.

NOTE ON LIFETIME: If a calibrated leak has a rate of 1×10^{-8} standard cc/second, then 1 standard cc will diffuse through the walls in 10^8 seconds, which is very close to 3 years. Because the reservoir holds about 100 standard cc of helium, the rate will fall by 1 percent at the end of 3 years.

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