

Accessories and Options for Varian Leak Detectors

Atmospheric Gross Leak For 947/948 L6839301

This option extends the gross leak testing range of the 947 and 948 leak detectors to a test port pressure of up to 1 atmosphere. The addition of this factory-installed option allows the user to find leaks as large as 10 std cc/sec at virtually any test port pressures up to atmosphere.

Calibrated Helium Leaks

Varian offers helium leaks traceable to NIST standards for use in calibrating your leak detector. An NW25 or 1 1/8" OD tube fitting and isolation valve are provided as standard on the external leaks. The 10⁻⁶/10⁻⁵ range reference helium leak includes a pressure gauge and refill port for evacuation and sniff test calibration.

External

		1 1/8" Compression Port
NW25		
F8473325	F8473320	10 ⁻⁶ /10 ⁻⁵ std cc/sec range refillable sniffing/evacuation leak with pressure gauge and KF25 adapter
F8473321	F8473301	10 ⁻⁷ std cc/sec range, with valve
F8473322	F8473302	10 ⁻⁸ std cc/sec range, with valve
F8473323	F8473303	10 ⁻⁹ std cc/sec range, with valve
F8473324	F8473304	10 ⁻¹⁰ std cc/sec range, with valve

Internal, 1/8" NPT Fitting (without valve)

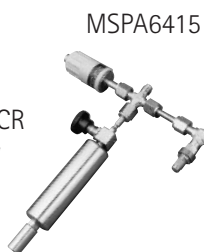
K3264301	10 ⁻⁷ std cc/sec range
K3264302	10 ⁻⁸ std cc/sec range

Calibration

Calibration of existing leaks is done on an advance exchange basis. To order the recalibration service, simply add "GG" in front of the above part numbers.

Gas Line Testing Accessory

The gas line testing accessory allows fast response evacuation leak detection of long (>30') gas lines. It is comprised of a male VCR (Cajon 4) cross with needle type purge flow valve and 10⁻⁹ atm cc/sec range calibrated leak. A pressure transducer is optional.



Helium Lecture Bottle Kit

The Helium Lecture bottle provides a convenient supply of helium for leak testing. Measuring only 14" long and 2 1/2" diameter, the bottle will provide enough helium for a full eight hours of leak testing at normal flow rates. The kit includes a Helium Lecture bottle containing 2 cubic feet of helium at 1800 psi, a pressure and flow regulator (P/N 642972175), and a helium spray probe kit (P/N K0167301) in one package.



Helium Spray Probe Kit

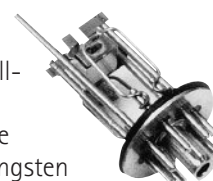
For use in spraying helium to find the exact location of a leak. Three nozzles are included: a hypodermic nozzle for pinpointing leaks, a flexible tubing nozzle for hard-to-reach areas, and a long, soft copper nozzle that can be bent into almost any configuration to reach into deep crevices. An easy operating spring handle and 10 feet of hose with a female fitting simplifies attachment to the helium regulator.



Ion Source

82850301	Tungsten Ion Source
82850302	Thoriated Iridium Ion Source
GG82850301	Tungsten Ion Source (Rebuilt)
GG82850302	Thoriated Iridium Ion Source (Rebuilt)

Varian Ion Sources contain two prearranged filaments, a built-in header, and all appropriate mounting hardware in a single all-welded assembly. Varian offers both new and rebuilt ion sources. Rebuilt ion sources can be purchased on an advance exchange basis. Tungsten ion sources are available for older models; please refer to the product manual.



Leak Detection Handbook

The 135-page handbook, *Introduction to Helium Mass Spectrometer Leak Detection*, is useful for experts and novices. It covers leak detection fundamentals, helium leak detector types, equipment calibration, and product fixture design. A wide variety of process-specific application solution notes is also available.

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Leak Detection Service Contracts

Varian offers a full range of preventive maintenance and comprehensive on-site support options for all of our leak detectors. See page 26.

Leak Test Data Wizard

The Leak Test Data Wizard is a comprehensive data management software package for use with our VS Series leak detectors. It is a flexible PC based, graphic-rich tool that makes full use of the data from the VS leak detector to customize automation of basic leak test processes, assuring testing uniformity over time or between operators.

VSLTDW



See page 9.