

PRODUCT TECHNICAL BRIEF

Sniffer Probe for Mass-Spectrometer Leak Detectors

Sniffer Probe for Mass-Spectrometer Leak Detectors -
LeakLab solutions for leak testing, vacuum systems and
test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Nominal air flow	20 cm ³ /min
Other stated flow options	Up to 100 cm ³ /min, or from 0.5 cm ³ /min for specific applications
Tubing length	4 to 30 m; custom versions up to 35 m are stated as possible
Connections	ISO-KF16, ISO-KF25 or M5 thread; other versions may be possible
Flexible handpiece length	130 mm
Tubing volume per unit length	0.79 cm ³ /m
Product Label	Promotion

Technical and Project Information

Flexible sniffer probe for local leak detection in confined areas. Intended for compatible helium mass-spectrometer leak detectors, including selected TI, PTI, Pfeiffer, Alcatel Adixen, Agilent Varian, Leybold, Edwards, VEECO/VIC, ULVAC, Shimadzu and KYKY configurations. Connection adapters and flow requirements must be confirmed for the specific instrument.

- Flexible probe body and replaceable needle tip for access to confined areas.
- Low internal volume designed to reduce signal delay.
- Replaceable disc filters help protect the flow path from contamination.
- Up to three filters can be fitted in the tip for heavily contaminated environments.
- Filters can be replaced without special tools.
- A sintered-metal flow restrictor maintains the specified sampling flow.
- Probe with the agreed connection fitting.

- Replaceable fine-leak needle with protective cap.

The probe is intended for compatible instruments including selected TI1-50, TI1-30, PTI-10, Pfeiffer, Alcatel Adixen, Agilent Varian, Leybold, Edwards, VEECO/VIC, ULVAC, Shimadzu and KYKY leak detectors. This list does not guarantee direct connection. Confirm the detector inlet, required sampling flow, response time, hose length and adapter before ordering.

Availability and manufacturing lead time depend on the selected flow, length and connection and must be confirmed for each order.

- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories Leak-Detector Spare Parts Vacuum-System Filters and Traps
- Leak-Detector Spare Parts
- Vacuum-System Filters and Traps

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: Sniffer Probe for Mass-Spectrometer Leak Detectors

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.