

Accessories for PHOENIX L300i, PHOENIX L300i DRY and PHOENIX L300i MODUL



Extension line

10 m Extension Line

The use of extension lines permits operation of the PHOENIX L 300 up to 34 m away from the test objects. A maximum of three extension lines (of 10 m each) may be connected in series.



Search gas spray gun

Search Gas Spray Gun

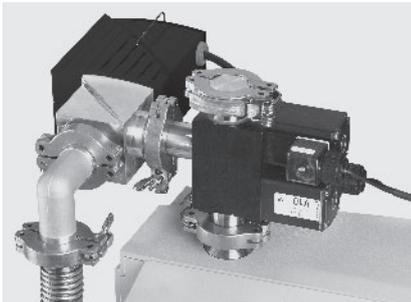
The search gas spray gun with PVC hose (5 m long) is used for well aimed spraying of search gas at places where a leak is suspected.



Transport Case 300

Transport Case 300

For impact protected transportation of the PHOENIX L 300; complete with strong carrying handles and plastic castors. Separate case for accessories.



Partial flow system without pump

Partial Flow System only for PHOENIX L300i and PHOENIX L300i MODUL

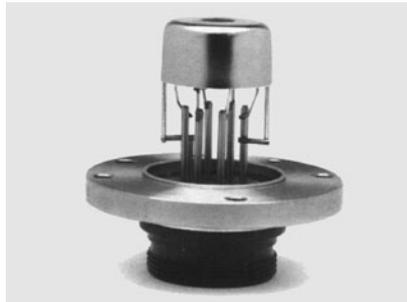
with following advantages:

- Faster response
- Entry into the measure mode already at an inlet pressure of 1000 mbar.
- Faster venting of large test objects or leak detection of mass production.

Equipment:

Valve block (with inlet valve, venting valve, bypass or purging valve) plus right-angle bellows valve DN 25 ISO-KF made of stainless steel, solenoid drives, suited for remote control by the PHOENIX L300i.

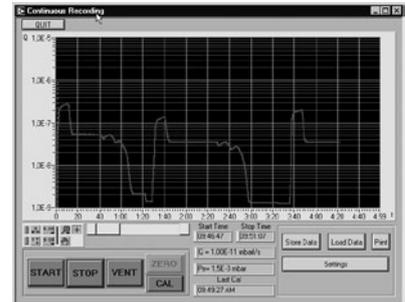
The partial flow systems are available without pumps.



Replacement ion source

Replacement Ion Source

Complete replacement component, including two built-in yttrium coated iridium cathodes



PC software LeakWare

PC Software LeakWare

The Windows PC software is used for data acquisition, documentation of the measurements and to control the operation of the leak detector.

Hardware > 486 DX and 8 MB Ram
Software Windows.



iPad including Software, Protection Case and charging cable; iPad table stand



iPad holder PHOENIX L300i



BARCODE Scanner iPad PHOENIX L300i

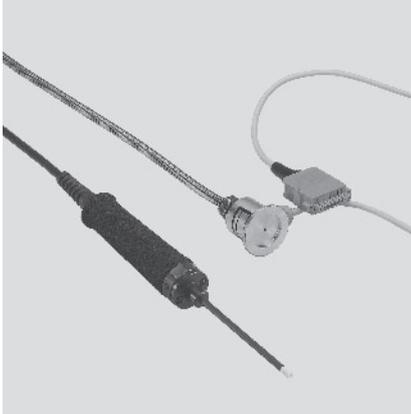
Ordering Information

Accessories

	Part No.
Transport Case 300 Dimensions, including castors and handles approx. 600 x 790 x 380 mm (W x H x D)	252 004
Partial flow system ¹⁾ for PHOENIX L300i and PHOENIX L300i Modul 115 - 230 V / 50/60 Hz, without pump	140 20
AF 16-25 exhaust filter, for partial flow system	189 11
Replacement ion source	165 04
PC software LeakWare	140 90
10 m long extension line	140 22
Search gas spray gun	165 55
iPad incl. software (APP) and protection case (IP 67) PHOENIX L300i	252005V01
WLAN module iPad	252006V01
iPad holder PHOENIX L300i	252007V01
BARCODE Scanner iPad PHOENIX L300i	252008V01
iPad table stand	252009V01
iPad lock	252010V01
Data cable iPad to PHOENIX L300i (for operation without WLAN)	252011V01

¹⁾ 5 centering rings, 5 clamping rings and 1 vacuum hose 1 m with DN 25 ISO-KF are included

Helium Sample Probes (Sniffers)



Helium sniffer line SL 300



Helium sniffer QUICK-TEST QT 100 with sniffer

Helium sniffers in connection with the leak detectors are used for leak testing test samples in which a helium over-pressure is present. Besides accurate pinpointing of leaks it is also possible to determine the leak rate of the escaping helium.

Advantages to the User

Helium Sniffer Line SL 300 for PHOENIX L300i

- Sniffer line connects directly at the test connection
- Status LEDs red and green
- ZERO pushbutton
- Easy filter removeable
- Very fast response
- Extremely low detection limit $< 1 \times 10^{-7} \text{ mbar} \times \text{l} \times \text{s}^{-1}$
- Rigid sniffer tip 120 mm
- Very rugged industrial design

Helium Sniffers QUICK-TEST QT 100 for PHOENIX L300i

- Sniffer leak detection for greater distances between test object and leak detector
- Diaphragm pump for sucking the search gas
- Smallest detectable leak rate $1 \times 10^{-6} \text{ mbar} \times \text{l} \times \text{s}^{-1}$
- Short response and decay times
- High sniffer velocity
- Switching power supply, can be run off mains voltages from 100 to 230 V AC

Typical Applications

- Storage and transportation vessels for gases and liquids
- Gas supply systems
- Gas compressors
- Components for the cooling and air conditioning industries
- Heat pumps and components for thermal energy recovery units
- Chemical production plants
- Supply and phone lines laid in the ground
- Power station condensers and turbines
- Window and door seals of car bodies, refrigerators and alike
- Revision checks on leak testing systems
- Measurement of helium concentrations ranging from ppm to %
- All hollow objects exposed to overpressures

Technical Data

SL 300

QT 100

Smallest detectable leak rate	mbar x l x s ⁻¹	< 10 ⁻⁷	10 ⁻⁶
Supply voltage		–	100-230 V, 50/60 Hz
Signal response time, approx. at a length of			
5 m	s	< 1	1
20 m	s	–	< 6
50 m	s	–	20
Connection flange	DN	25 ISO-KF	25 ISO-KF
Weight	kg (lbs)	0.6 (1.3)	3.5 (7.7)

Ordering Information

SL 300

QT 100

	Part No.	Part No.
Helium sniffer line SL 300 4 m long, straight handle, with red/green LED for go/no-go indication, rigid sniffer tip 120 mm	252 003	–
Helium sniffer QUICK-TEST QT 100	–	155 94
Sniffer line for the QT 100		
5 m	–	140 08
20 m	–	140 09