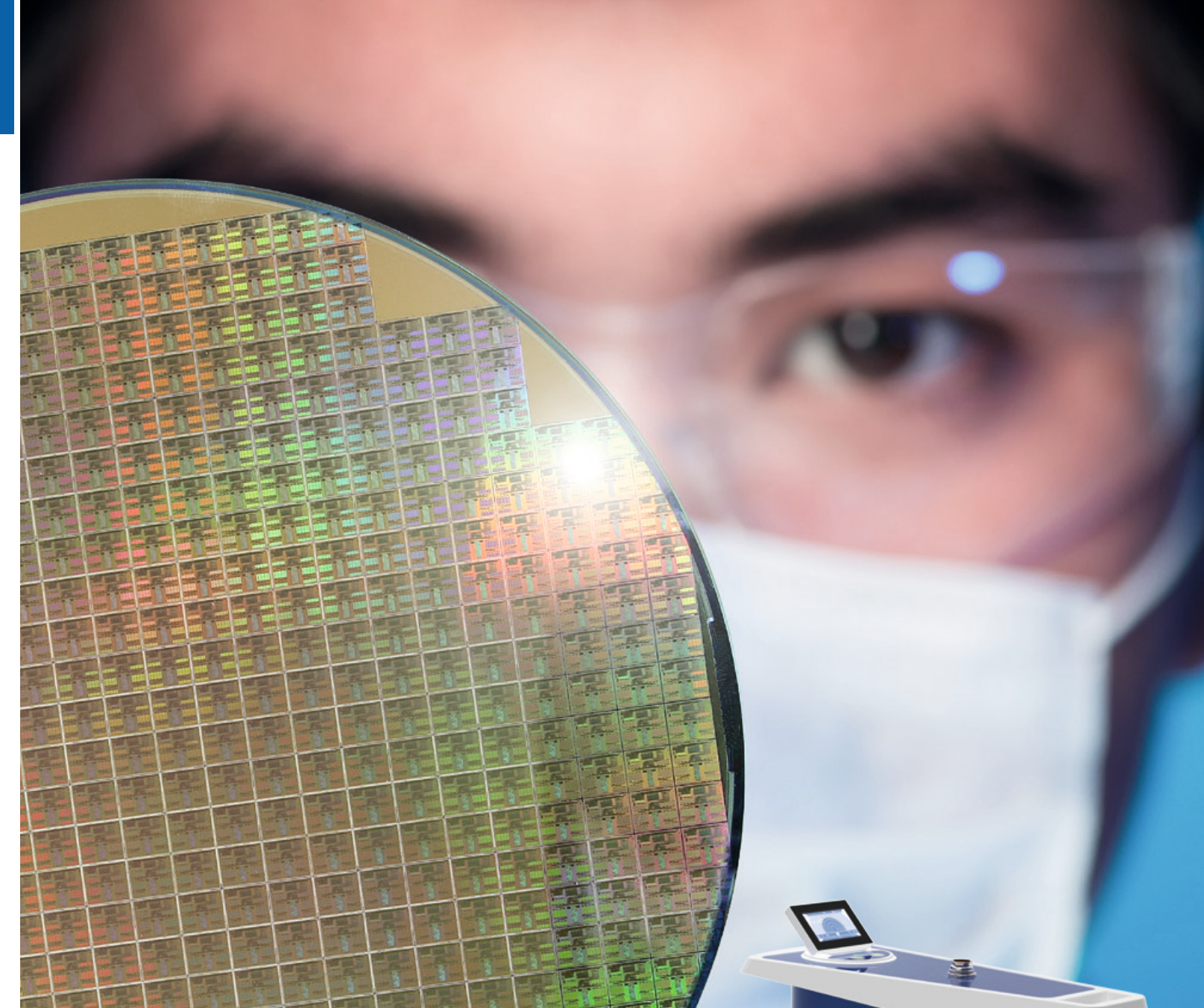




Min. detectable leak rate for helium (vacuum method)	< 5 x 10 ⁻¹² mbar l/s
Min. detectable leak rate for helium (sniffer mode)	< 5 x 10 ⁻⁸ mbar l/s
Max. inlet pressure	MASSIVE mode 1000 mbar
Pumping speed during evacuation	> 32 m ³ /h
Helium pumping speed (high sensitive mode ULTRA)	4 l/s
Response time	< 1 s
Time until ready for operation	< 3 min
Detectable masses	2, 3, 4 (H ₂ , 3He, He)
Ion source	2 filaments, iridium/yttria oxide coated
Test port	DN 25KF
Adjustable triggers	4
Interface	2 x USB, Ethernet /LAN
Supply voltage	100-240 V 50/60 Hz (access controlled)
Power consumption	typ. 700 VA, max. 1500 VA
Dimensions (L x W x H)	1050 x 472 x 987 mm
Weight	120 kg
Permissible ambient temperature range (during operation)	10 to 40 °C

ORDERING INFORMATION

PRODUCT	Cat. no.
UL3000 Fab	550-200
UL3000 Fab PLUS (HYDRO-S, sniffer line SL3000 port)	550-250
ACCESSORIES	
RC1000 remote control, wired, incl. 4 m coiled cable	551-010
RC1000WL remote control, wireless, incl. wireless transmitter	551-015
Sniffer line SL200, 4m length	140 05
Sniffer line SL3000 with integrated display (only for UL3000 Fab PLUS),	
3 m length	525-001
5 m length	525-002
10 m length	525-003
I/O1000 module (input / output module)	560-310
BM1000 Profibus module	560-315
BM1000 PROFINET I/O module	560-316
BM1000 Device Net module	560-317
BM1000 Ethernet/IP	560-318
Data cable (I/O1000 / BM1000 to UL3000 Fab PLUS)	
0.5 m	560-334
2 m	560-332
5 m	560-335
10 m	560-340
Test Chamber TC1000	551-005
Helium bottle holder	551-201
Vacuum hose holder	551-202



Premium Quality
 made in Germany

Your specialists for leak detection solutions

INFICON offers globally leading technologies in measurement and sensor technology, as well as process management for demanding vacuum processes in highly specialized industries. INFICON products for gas leak detection are used particularly in cooling and air conditioning technology, semiconductor manufacturing and automotive production.

With INFICON you have an expert consultant at your side who knows the challenges of your industry and works with you to find the right solutions for your needs. INFICON guarantees top service and maximum support with specialized experts at many branch offices around the world. Leading manufacturing facilities are located in the US and Europe, with branches in China, France, Germany, Japan, Korea, Liechtenstein, Singapore, Switzerland, Taiwan, Great Britain and the US.



www.inficon.com reachus@inficon.com

Due to our continuing program of product improvements, specifications are subject to change without notice.
 ibca73en1-01-(1708) ©2017 INFICON

UL3000 Fab (PLUS)

Helium Leak Detector

Progress meets experience



Always one step ahead – new generation of leak detector

INFICON leak detection has a long history of market standards for performance and easy use. The UL3000 Fab offers the highest possible speed and optimal user-friendliness in leak test today. The UL3000 Fab was specifically developed for the specialized demands of semiconductor manufacturing, like leak testing of semiconductor and display tools, including subcomponents.



TIME SAVED WITH FAST MEASUREMENT RESULTS

- I-CAL software algorithm for fast measurements in the range of 10^{-9} to 10^{-12} mbar l/s
- HYDRO-S software eliminates the water vapor background, making it possible to quickly reach sensitive measurement ranges (UL3000 Fab PLUS)
- I-ZERO 2.0 intelligent zero-point function for fast background suppression while maintaining high measurement sensitivity

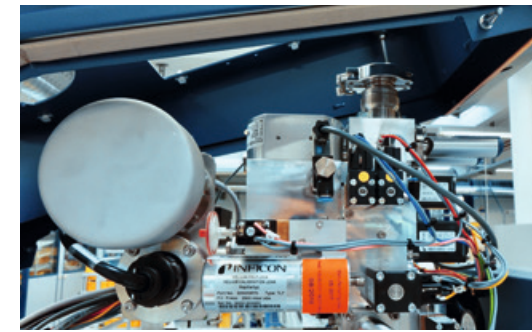
APPLICABLE FOR VACUUM AND SNIFFER LEAK SEARCH

- Vacuum leak detection on tools during maintenance
- Sniffer leak search on process gas supply systems with high-performance sniffer line SL3000, and short reaction time at great distance (UL3000 Fab PLUS)



EASY OPERATION, ANALYSIS AND BACKUP OF MEASUREMENT RESULTS

- intuitive user guidance with touch display
- modern menu structure
- rotatable display
- remote control by smartphone via WLAN
- data storage capability
- data export using USB stick (access controlled)



LOW OPERATIONAL AND MAINTENANCE COSTS

Low-maintenance despite long service life thanks to:

- robust vacuum system
- ruggedized ion source with 3-year warranty



OPTIMAL ACCESS TO APPLICATION AREAS

- small and ruggedized design for stability and optimal mobility
- easy handling with low center of gravity
- big wheels easily overcome obstacles



ACCESSORIES AVAILABLE RIGHT ON THE DEVICE

- Helium bottle holder on the leak detector
- Vacuum hose on the device
- Connector accessories in closable compartment

EARLY DETECTION OF LARGE LEAKS

Big leaks can be detected significantly faster, as it is no longer necessary to wait for the system to be pumped down. This is possible thanks to:

- MASSIVE leak function (special pumping/valve block function)

