

ASI 30

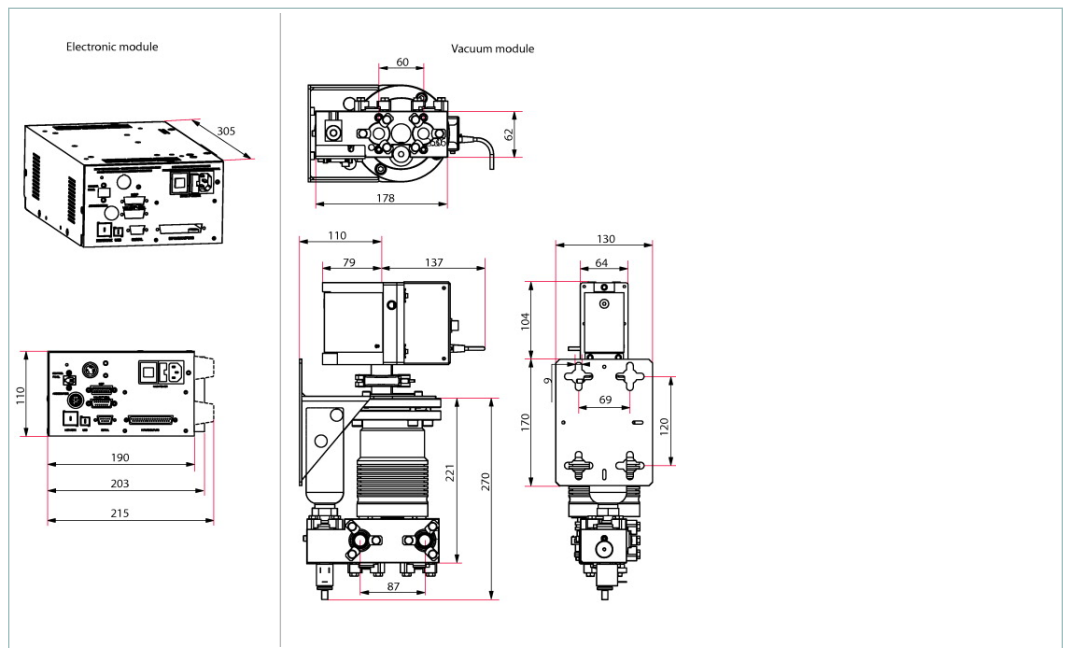
The ASI 30 is extremely flexible and easy to integrate into leak detection systems. Its components can be placed strategically to obtain the full leak detection benefits from the system: precise and repeatable results under any leak test conditions.



ASI 30 without control panel, 3.5 m cable length to the Electronic module, fully configurable I/O interface

- Without control panel
- 3.5 m cable length between the Vacuum module and the Electronic module
- Fully configurable I/O interface (37 pins D-Sub) to fit to customer needs
- USB and RS-232 available as serial interfaces
- Universal voltage: no possible mistake whatever the country where the leak detection system is prepared and installed

Dimensions



Technical Data		ASI 30 without control panel, 3.5 m cable length to the Electronic module, fully configurable I/O interface
Backing pump		with oil sealed backing pump
Detectable gases		^4He , ^3He , H_2
Dimensions (L x W x H)		Vacuum module: 427 x 130 x 247 mm; Electronic module: 190 x 305 x 110 mm
Flange (in)		2 flanges: DN 16 ISO-KF
I/O interface		6 Digital inputs (Allocated functions configurable), 3 Analog outputs (Configurable: Helium signal log, Mantissa, Exponent, Inlet pressure), 5 Relays outputs (Allocated functions configurable), 4 Transistor/open collector outputs (Allocated functions configurable)
Interface		RS-232, USB
Maximum inlet test pressure		Gross leak test mode: 40 hPa, Normal leak test mode: 4 hPa
Minimum detectable leak rate for helium (sniffing leak detection)		$5 \cdot 10^{-9} \text{ Pa m}^3/\text{s}$ $3.75 \cdot 10^{-8} \text{ Torr l/s}$ $5 \cdot 10^{-8} \text{ mbar l/s}$
Minimum detectable leak rate for helium (vacuum leak detection)		Gross leak test mode: $5 \cdot 10^{-8} \text{ Pa m}^3/\text{s}$; Normal leak test mode: $5 \cdot 10^{-13} \text{ Pa m}^3/\text{s}$
Operating temperature		5-40 °C 41-104 °F 278-313 K
Start-up time (20°C) without calibration		< 3 min
Supply		90-240 V, 50/60 Hz
Test method		Vacuum and sniffing leak detection
Type		Modular
User interface		Without user interface
Weight		Vacuum module: 8.5 kg; Electronic module: 4.5 kg

Order number	
ASI 30	L01X0002MM9A

Accessories	
Sniffing option	
Sniffing kit including membrane and tubing	104757
Special rotary vane pump with sniffing port	
Pascal 2005, sniffing port, single phase, low voltage	205SIMLAM
Pascal 2005 SD, sniffing port, single phase, high voltage	205SIMHEM
Specific communication interface	
Extension interface kit, with Phoenix connectors	119428
Standard remote control	
Remote control, leak rate in mbar l/s, legend in English	106688