

ASI 35

The ASI 35 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.

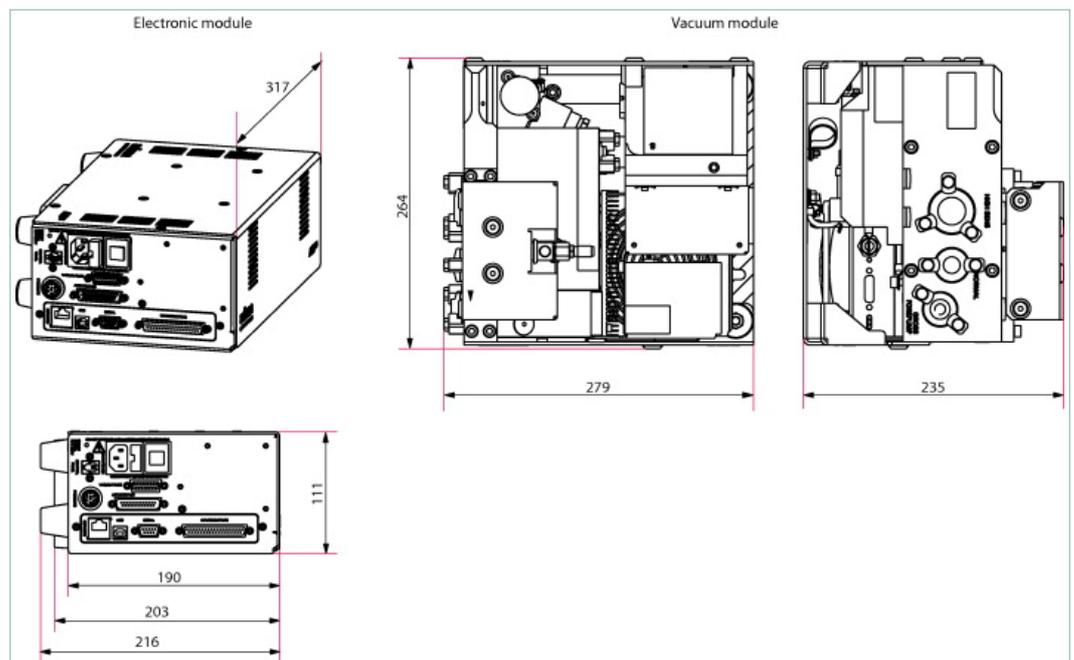


ASI 35 without control panel, 1.5 m cable length to the Electronic module, sniffing option, fully configurable I/O interface

- No control panel
- 1.5 m cable length between the Vacuum module and the Electronic module
- Sniffing option allowing high admissible flow and multiprobes set-up
- 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
- High helium pumping speed for optimized response time

The backing pump is not provided with the ASI 35

Dimensions



Technical Data	ASI 35 without control panel, 1.5 m cable length to the Electronic module, sniffing option, fully configurable I/O interface
Detectable gases	^4He , ^3He , H_2
Dimensions (L x W x H)	Vacuum module: 279x264x197 mm; Electronic module: 216x317x111mm;
Flange (in)	1 flange: DN 25 ISO-KF ; 2 flanges: DN 16 ISO-KF
I/O interfaces	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
Max. inlet test pressure	Gross leak test mode: 18 hPa; Normal leak test mode: 1 hPa; High sensitivity test mode: 0.2 hPa

Technical Data		ASI 35 without control panel, 1.5 m cable length to the Electronic module, sniffing option, fully configurable I/O interface
Minimum detectable leak rate for helium (sniffing leak detection)		$1.5 \cdot 10^{-9}$ Pa m ³ /s $1.12 \cdot 10^{-8}$ Torr l/s $1.5 \cdot 10^{-8}$ mbar l/s
Minimum detectable leak rate for helium (vacuum leak detection)		Gross leak test mode: $3.5 \cdot 10^{-9}$ Pa m ³ /s; Normal leak test mode: $1 \cdot 10^{-11}$ Pa m ³ /s; High sensitivity leak test mode: $5 \cdot 10^{-13}$ Pa m ³ /s
Operating temperature		10-45 °C 50-113 °F 283-318 K
Power consumption max.		300 W
Pumping speed for He		High sensitivity leak test mode: 6 l/s ; Normal leak test mode: 1.8 l/s
Start-up time (20°C) without calibration		~3 min
Supply		90-240 V, 50/60 Hz
Test method		Vacuum and sniffing leak detection
Weight		Vacuum module: 15 kg; Electronic module: 5 kg

Order number	
ASI 35	S01S0102MM9A

Accessories	
Specific communication interface	
I/O module type ASI 20 MD	123352
Standard remote control	
Remote control, leak rate in mbar l/s, legend in English	106688