

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.





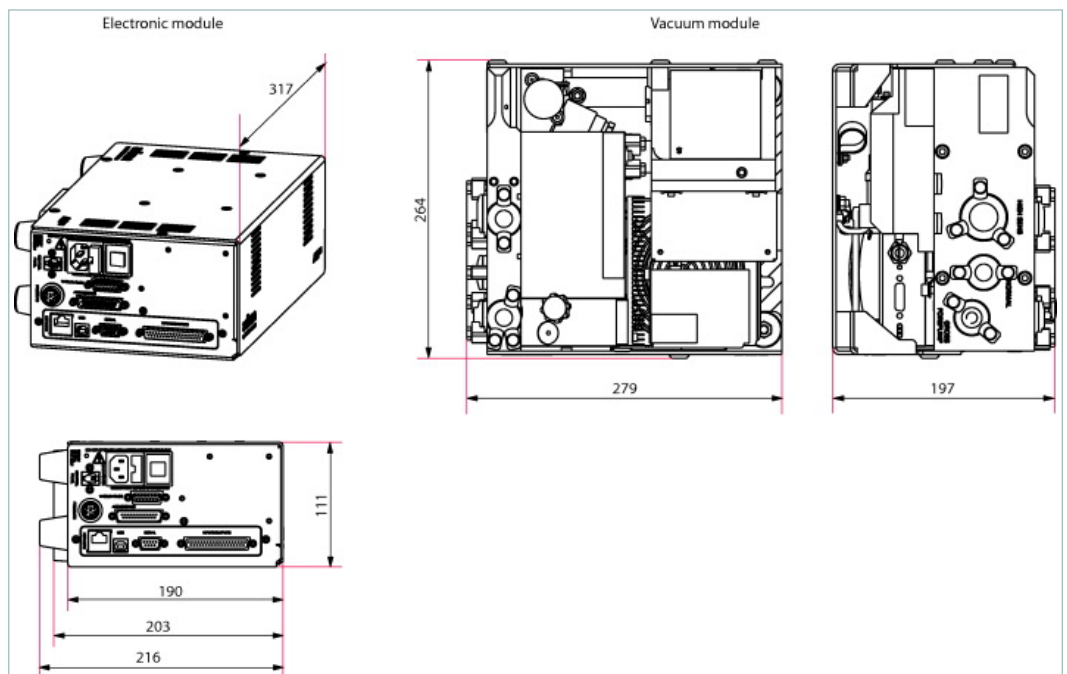
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ASI 35 without control panel, 3.5 m cable length to the Electronic module, fully configurable I/O interface and Ethernet communication

- No 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
- Ethernet, 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, 3.5 m cable length to the Electronic module, fully configurable I/O interface and Ethernet communication	
Detectable gases	^4He , ^3He , H_2
Dimensions (L x W x H)	Vacuum module: 279x264x197 mm; Electronic module: 216x317x111 mm
Flange (in)	1 flange: DN 25 ISO-KF ; 4 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, Ethernet
Max. inlet test pressure	Gross leak test mode: 18 hPa; Normal leak test mode: 1 hPa; High sensitivity test mode: 0.2 hPa

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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 leak detection
Weight	Vacuum module kg: 15; Electronic module: 5 kg

Order number	
ASI 35	S02X0104MM9A

Accessories	
Sniffing kit	
Sniffing kit for ASI 35	123529
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