

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.

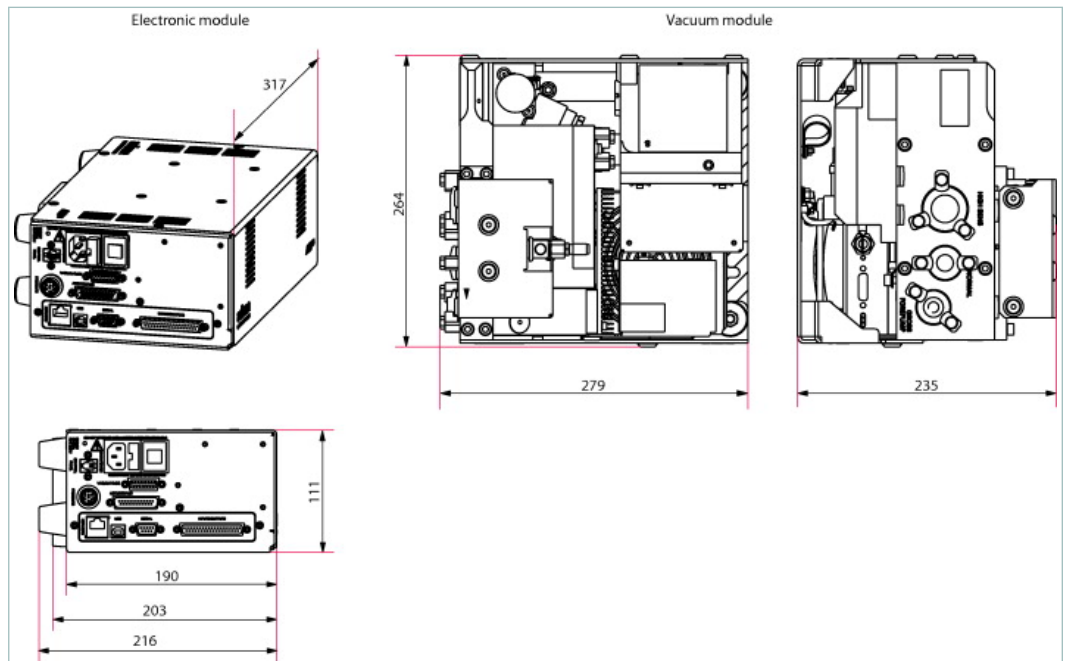


ASI 35 with control panel (cable length 1.8 m), 3.5 m cable length to the Electronic module, sniffing option, Profibus communication

- Control panel with 1.8 m cable length
- 3.5 m cable length between the Vacuum module and the Electronic module
- Sniffing option allowing high admissible flow and multiprobes set-up
- Profibus communication
- Basic I/O interface (15 pins D-Sub)
- Restricted access to the settings menu to avoid any wrong manipulation while the system is in operation
- 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 with control panel (cable length 1.8 m), 3.5 m cable length to the Electronic module, sniffing option, Profibus communication

Detectable gases	^4He , ^3He , H_2
Dimensions (L x W x H)	Vacuum module: 279x264x197 mm; Electronic module: 216x317x111 mm; Control panel: 241x54x133 mm
Flange (in)	1 flange: DN 25 ISO-KF ; 2 flanges: DN 16 ISO-KF
I/O interfaces	1 Digital input (Start cycle); 2 Digital outputs (Detector ready, Helium signal above reject set point); 3 Analog outputs (Configurable : Helium signal log, Mantissa, Exponent, Inlet pressure)
Interface	Profibus

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Max. inlet test pressure		Gross leak test mode: 18 hPa; Normal leak test mode: 1 hPa; High sensitivity test mode: 0.2 hPa	
Minimum detectable leak rate for helium (sniffing leak detection)		1.5 · 10 ⁻⁹ Pa m ³ /s 1.12 · 10 ⁻⁸ Torr l/s 1.5 · 10 ⁻⁸ mbar l/s	
Minimum detectable leak rate for helium (vacuum leak detection)		Gross leak test mode: 3.5 · 10 ⁻⁹ Pa m ³ /s; Normal leak test mode: 1 · 10 ⁻¹¹ Pa m ³ /s; High sensitivity leak test mode: 5 · 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; Control panel: 1.3 kg	

Order number	
ASI 35	S12S0106MM9A

Accessories	
Standard remote control	
Remote control, leak rate in mbar l/s, legend in English	106688