

# 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.

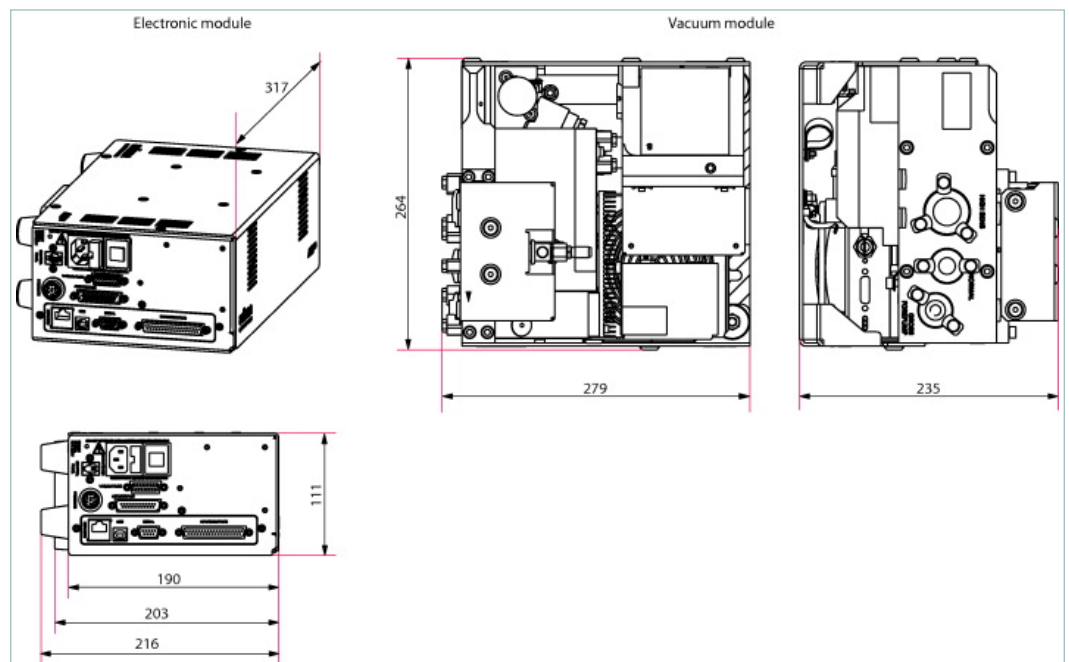


## ASI 35 without control panel, 1.5 m cable length to the Electronic module, sniffing option, fully configurable I/O interface

- 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	
Detectable gases	$^4\text{He}$ , $^3\text{He}$ , $\text{H}_2$
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

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Minimum detectable leak rate for helium (sniffing leak detection)	$1.5 \cdot 10^{-9}$ Pa m <sup>3</sup> /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 <sup>3</sup> /s; Normal leak test mode: $1 \cdot 10^{-11}$ Pa m <sup>3</sup> /s; High sensitivity leak test mode: $5 \cdot 10^{-13}$ Pa m <sup>3</sup> /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	<b>S01S0102MM9A</b>

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