



# 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.





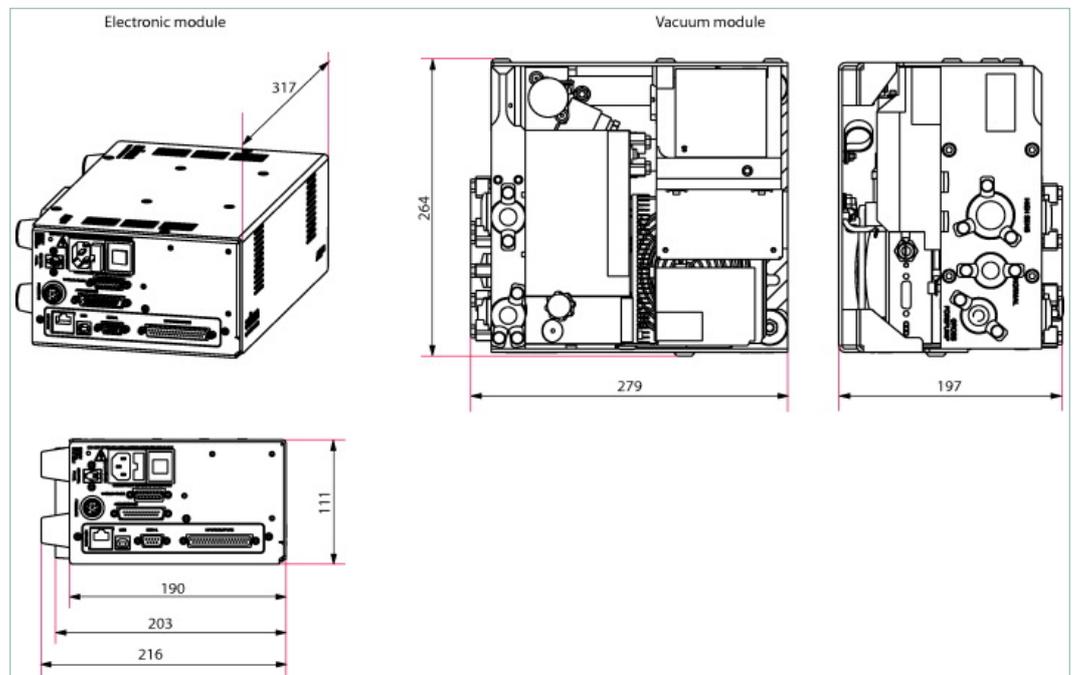
Similar Image

## ASI 35 with control panel (cable length 1.8 m), 5 m cable length to the Electronic module, fully configurable I/O interface and Ethernet communication

- Control panel with 1.8 m cable length
- 5 m cable length between the Vacuum module and the Electronic module
- Fully configurable I/O interface (37 pins D-Sub), with live status visible on the Control panel
- Ethernet, USB and RS-232 available as serial interfaces
- 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), 5 m cable length to the Electronic module, fully configurable I/O interface and Ethernet communication**

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

<b>Technical Data</b>		<b>ASI 35 with control panel (cable length 1.8 m), 5 m cable length to the Electronic module, fully configurable I/O interface and Ethernet communication</b>
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 (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 leak detection
Weight		Vacuum module: 15 kg; Electronic module: 5 kg ; Control panel: 1.3 kg

<b>Order number</b>	
ASI 35	<b>S13X0104MM9A</b>

<b>Accessories</b>	
<b>Sniffing kit</b>	
Sniffing kit for ASI 35	<b>123529</b>
<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>