



# ASM 340 I

Leak detector without backing pump



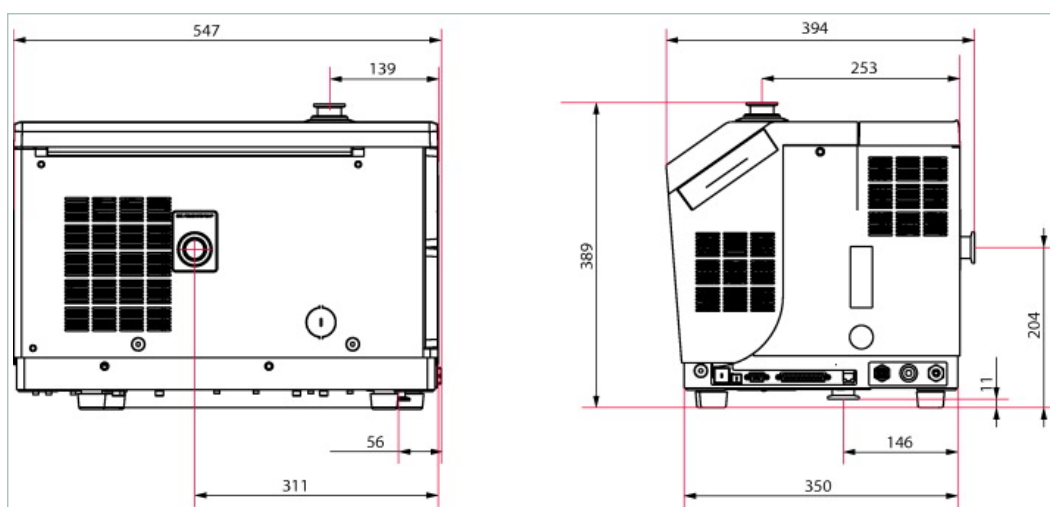


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## ASM 340 I, universal voltage, configurable I/O interface board, Ethernet

- Without backing pump
- 2.5 l/s helium pumping speed
- Customizable and detachable operator interface
- Integrated SD card for data processing
- Fully configurable I/O interface (37 pins D-sub) to fit to customer needs
- Ethernet Communication
- Wired or wireless remote control and sniffer probes available as accessories
- Special accessory for I/O compatibility mode dedicated to HLT 5xx

### Dimensions



Technical Data	ASM 340 I, universal voltage, configurable I/O interface board, Ethernet
Detectable gases	$^4\text{He}$ , $^3\text{He}$ , $\text{H}_2$
Flange (in)	DN 25 ISO-KF
Flange (out)	DN 25 ISO-KF for backing pump connection
I/O interfaces	6 digital inputs (allocated functions configurable) ; 3 analog outputs (configurable: Helium signal I og, 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	5 hPa   3.75 Torr   5 mbar
Minimum detectable leak rate for helium (sniffing leak detection)	$5 \cdot 10^{-10}$ Pa m <sup>3</sup> /s   $3.75 \cdot 10^{-9}$ Torr l/s   $5 \cdot 10^{-9}$ mbar l/s
Minimum detectable leak rate for helium (vacuum leak detection)	$5 \cdot 10^{-13}$ Pa m <sup>3</sup> /s   $3.75 \cdot 10^{-12}$ Torr l/s   $5 \cdot 10^{-12}$ mbar l/s
Noise level	54 dB (A)
Operating temperature (hard vacuum test)	0-40 °C   32-104 °F   273-313 K
Operating temperature (sniffing test)	0-40 °C   32-104 °F   273-313 K
Power consumption max.	350 W
Protection category	IP 20
Pumping speed for He	2.5 l/s
Start-up time (20°C) without calibration	~ 3 min
Supply	90-240 V, 50/60 Hz

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Test method	Vacuum and sniffing leak detection
Weight	32 kg   70.55 lb

Order number	
ASM 340 I	MSXA00A4MM9A

Accessories	
<b>Bypass option</b>	
Bypass option with Euro-style safety plug	PT 445 411-T
Bypass option with US plug	PT 445 413-T
<b>Cables to connect an external gauge to an ASM 340 equipped with 37 pin I/O board</b>	
Cable for external gauge, 10 m	A333747
Cable for external gauge, 20 m	A333748
Cable for external gauge, 3 m	A333746
<b>Country-specific power cables</b>	
Power cable, 2.5 m, Switzerland	103718
Power cable, 2.5 m, UK	104411
Power cable, 2 m, Italy	104758
<b>Miscellaneous</b>	
37 pin D-Sub/25 pin D-Sub adaptor cable	A433758
Compatibility module, I/O HLT 5xxx	122742
Profibus board for ASM 340	122253
<b>Smart Sniffer probe</b>	
LP 503, sniffer probe with standard tip, 3 m	BG 449 207 -T
LP 505, sniffer probe with standard tip, 5 m	BG 449 208 -T
LP 510, sniffer probe with standard tip, 10 m	BG 449 209 -T
<b>Standard remote control</b>	
Remote control, leak rate in mbar l/s, legend in English	106688
Remote control, leak rate in Pa m <sup>3</sup> /s, legend in English	108880
Remote Control RC 500 WL for helium leak detector, wireless	PT 445 432-T