



ASM 340 I

Leak detector without backing pump



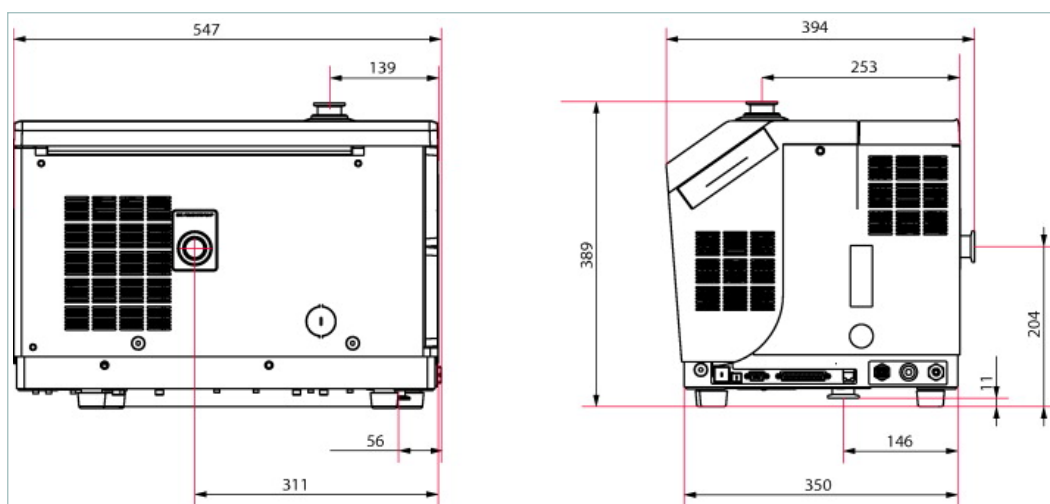


Similar Image

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

- 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
- 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
Detectable gases	^4He , ^3He , 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 relay outputs (allocated functions configurable); 4 transistor/open collector outputs (allocated functions configurable)
Interface	RS-232, USB
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 ³ /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 ³ /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
Test method	Vacuum and sniffing leak detection

Technical Data	ASM 340 I, universal voltage, configurable I/O interface board
Weight	32 kg 70.55 lb

Order number
ASM 340 I MSXA00A2MM9A

Accessories	
Bypass option	
Bypass option with Euro-style safety plug	PT 445 411-T
Bypass option with US plug	PT 445 413-T
Cables to connect an external gauge to an ASM 340 equipped with 37 pin I/O board	
Cable for external gauge, 10 m	A333747
Cable for external gauge, 20 m	A333748
Cable for external gauge, 3 m	A333746
Country-specific power cables	
Power cable, 2.5 m, Switzerland	103718
Power cable, 2.5 m, UK	104411
Power cable, 2 m, Italy	104758
Miscellaneous	
37 pin D-Sub/25 pin D-Sub adaptor cable	A433758
Compatibility module, I/O HLT 5xxx	122742
Profibus board for ASM 340	122253
Smart Sniffer probe	
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
Standard remote control	
Remote control, leak rate in mbar l/s, legend in English	106688
Remote control, leak rate in Pa m³/s, legend in English	108880
Remote Control RC 500 WL for helium leak detector, wireless	PT 445 432-T