



ASM 340 D

Leak detector with diaphragm pump, 3.4 m³/h backing pump capacity



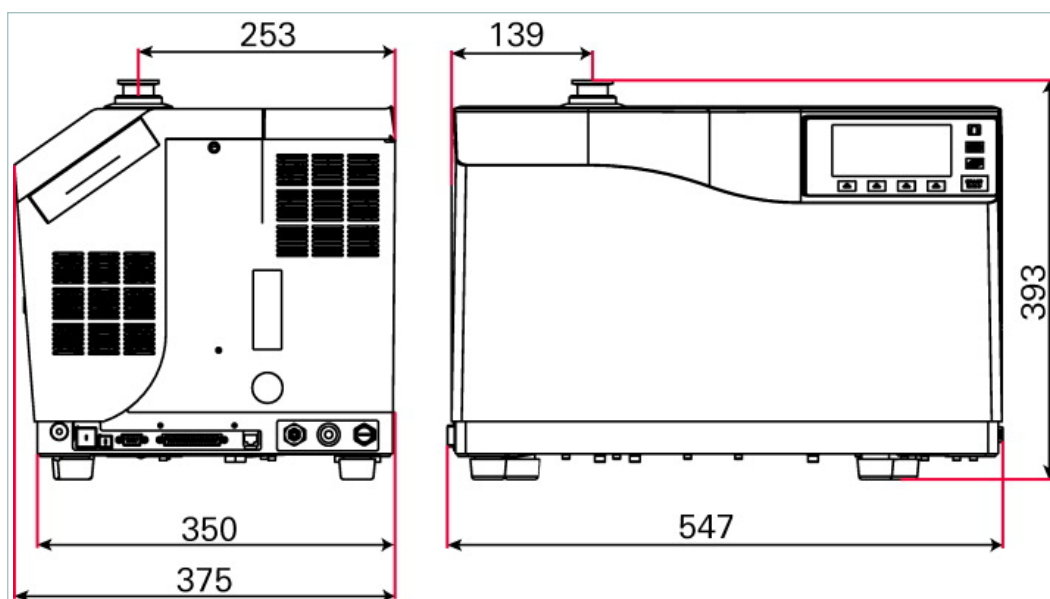


Similar Image

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

- Oil free pumping system, backing pump capacity 3.4 m³/h
- 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

Dimensions



Technical Data	ASM 340 dry version, universal voltage, configurable I/O interface board
Backing pump capacity	3.4 m ³ /h
Detectable gases	⁴ He, ³ He, H ₂
Flange (in)	DN 25 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	25 hPa 18.75 Torr 25 mbar
Minimum detectable leak rate for helium (sniffing leak detection)	5 · 10 ⁻¹⁰ Pa m ³ /s 3.75 · 10 ⁻⁹ Torr l/s 5 · 10 ⁻⁹ mbar l/s
Minimum detectable leak rate for helium (vacuum leak detection)	5 · 10 ⁻¹³ Pa m ³ /s 3.75 · 10 ⁻¹² Torr l/s 5 · 10 ⁻¹² mbar l/s
Noise level	52 dB (A)
Operating temperature (hard vacuum test)	0-35 °C 32-95 °F 273-308 K
Operating temperature (sniffing test)	0-35 °C 32-95 °F 273-308 K
Power consumption max.	600 W
Protection category	IP 20
Pumping speed for He	2.5 l/s
Start-up time (20°C) without calibration	~ 3 min

Technical Data	ASM 340 dry version, universal voltage, configurable I/O interface board
Supply	90-240 V, 50/60 Hz
Test method	Vacuum and sniffing leak detection
Weight	45 kg 99.21 lb

Order number	
ASM 340 D	KSBA00A2MM9A

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 m ³ /s, legend in English	108880
Remote Control RC 500 WL for helium leak detector, wireless	PT 445 432-T
Transport cart	
Transport cart, 2 wheels, for ASM 340	122570