



# ASM 340

Leak detector with rotary vane pump, 15 m<sup>3</sup>/h backingpump capacity



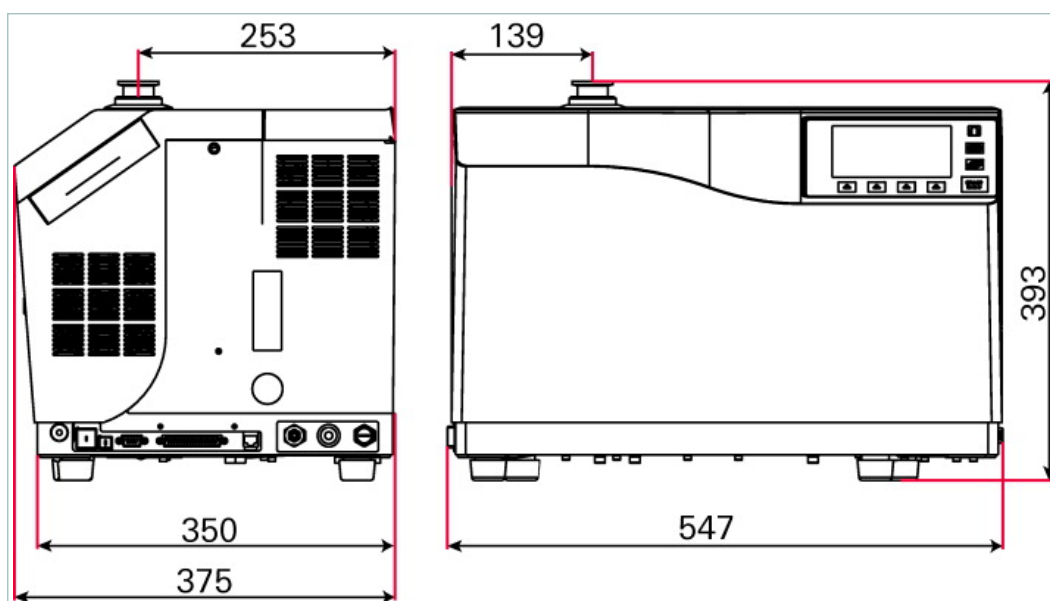


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## ASM 340, 110/130 V and US power cable, configurable I/O interface board, Ethernet

- Powerful rotary vane pump with 15 m<sup>3</sup>/h backingpump capacity
- 2.5 l/s helium pumping speed
- 110/130 V operating voltage, US power cable
- 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

### Dimensions



Technical Data	ASM 340, 110/130 V and US power cable, configurable I/O interface board, Ethernet
Backing pump capacity	15 m <sup>3</sup> /h
Detectable gases	<sup>4</sup> He, <sup>3</sup> He, H <sub>2</sub>
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, Ethernet
Max. inlet test pressure	25 hPa   18.75 Torr   25 mbar
Minimum detectable leak rate for helium (sniffing leak detection)	5 · 10 <sup>-10</sup> Pa m <sup>3</sup> /s   3.75 · 10 <sup>-9</sup> Torr l/s   5 · 10 <sup>-9</sup> mbar l/s
Minimum detectable leak rate for helium (vacuum leak detection)	5 · 10 <sup>-13</sup> Pa m <sup>3</sup> /s   3.75 · 10 <sup>-12</sup> Torr l/s   5 · 10 <sup>-12</sup> mbar l/s
Noise level	54 dB (A)
Operating temperature (hard vacuum test)	0-45 °C   32-113 °F   273-318 K
Operating temperature (sniffing test)	0-35 °C   32-95 °F   273-308 K
Power consumption max.	850 W
Protection category	IP 20

Technical Data	ASM 340, 110/130 V and US power cable, configurable I/O interface board, Ethernet
Pumping speed for He	2.5 l/s
Start-up time (20°C) without calibration	~ 3 min
Supply	110-130 V, 50/60 Hz
Test method	Vacuum and sniffing leak detection
Weight	56 kg   123.46 lb

Order number
ASM 340 JSVA00A4ML9A

Accessories	
<b>Bypass option</b>	
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
Exhaust connector for external oil mist eliminator - DN 25 ISO-KF	122405
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 m³/s, legend in English	108880
Remote Control RC 500 WL for helium leak detector, wireless	PT 445 432-T
<b>Transport cart</b>	
Transport cart, 2 wheels, for ASM 340	122570