



ASM 1002

The ASM 1002 is designed to meet high leak test specifications of mass production for the leak test of either open or sealed components





Similar Image

ASM 1002, 50 m³/h, large test chamber, remote control in mbar l/s, English language, 200/240 V and US power cable

- Rotary vane pumps giving 50 m³/h backing capacity and high vacuum pump 200 l/s
- 4 l/s helium pumping speed
- 200/240 V operating voltage
- US power cable
- Voice synthesizer in English
- Large cylindrical test chamber 2 liters internal volume (160 mm diameter, 100 mm depth) and automatic cycle start
- Remote control in mbar l/s

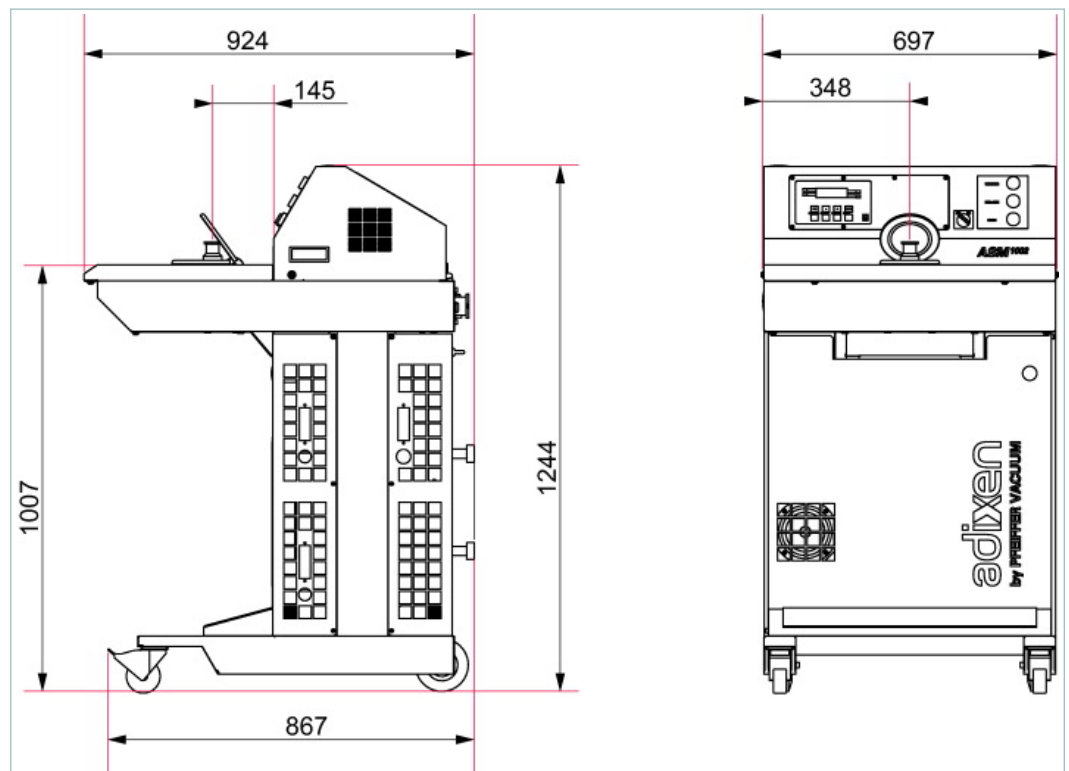
Three masses leak detection instead of only helium available upon request

Metal seals on the analyzer cell available upon request

Optional remote control, but mandatory for the leak test of open packages (standard testing mode)

For specific customization (dry pumping system, specific chamber, special casters...) please consult us

Dimensions



Technical Data

ASM 1002, 50 m³/h, large test chamber, remote control in mbar l/s, English language, 200/240 V and US power cable

Backing pump	with oil sealed backing pump
Backing pump capacity	50 m ³ /h
Detectable gases	⁴ He
Dimensions (L x W x H)	697 x 867 x 1,244 mm 27.44 x 34.13 x 48.98 inch

Technical Data		ASM 1002, 50 m ³ /h, large test chamber, remote control in mbar l/s, English language, 200/240 V and US power cable
Flange (in)	No flange but large test chamber	
I/O interfaces	Analog outputs (Helium signal log, Inlet pressure); Specific analog outputs to recover the lights status in Pass/Fail	
Interface	RS-232	
Language	English	
Mains cable	US power cable	
Max. inlet test pressure	100 hPa 75 Torr 100 mbar	
Minimum detectable leak rate for helium (sniffing leak detection)	1 · 10 ⁻⁸ Pa m ³ /s 7.5 · 10 ⁻⁸ Torr l/s 1 · 10 ⁻⁷ mbar l/s	
Minimum detectable leak rate for helium (vacuum leak detection)	1 · 10 ⁻¹² Pa m ³ /s 7.5 · 10 ⁻¹² Torr l/s 1 · 10 ⁻¹¹ mbar l/s	
Noise level	55 dB (A)	
Operating temperature	10-40 °C 50-104 °F 283-313 K	
Power consumption	< 1500 W	
Pumping speed for He	4 l/s	
Start-up time (20°C) with calibration	< 4.5 min	
Start-up time (20°C) without calibration	< 3.5 min	
Supply	200-240 V, 50/60 Hz	
Test method	Vacuum and sniffing leak detection	
Type	Workstation	
User interface	Basic user interface	
Weight	220 kg 485.01 lb	

Order number	
ASM 1002	Y0R0R30MB810

Accessories	
Foot pedal for cycle start	
Foot pedal for cycle start, cable length 1.5 m	100913
Head phone connector	
Head phone connector	A459818