



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, small test chamber, remote control in mbar l/s, English language, 200/240 V and European 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
- European power cable
- Voice synthesizer in English
- Small hemispherical test chamber 81 cm³ internal volume (72 mm diameter, 31 mm depth) and automatic cycle start
- Remote control in mbar l/s

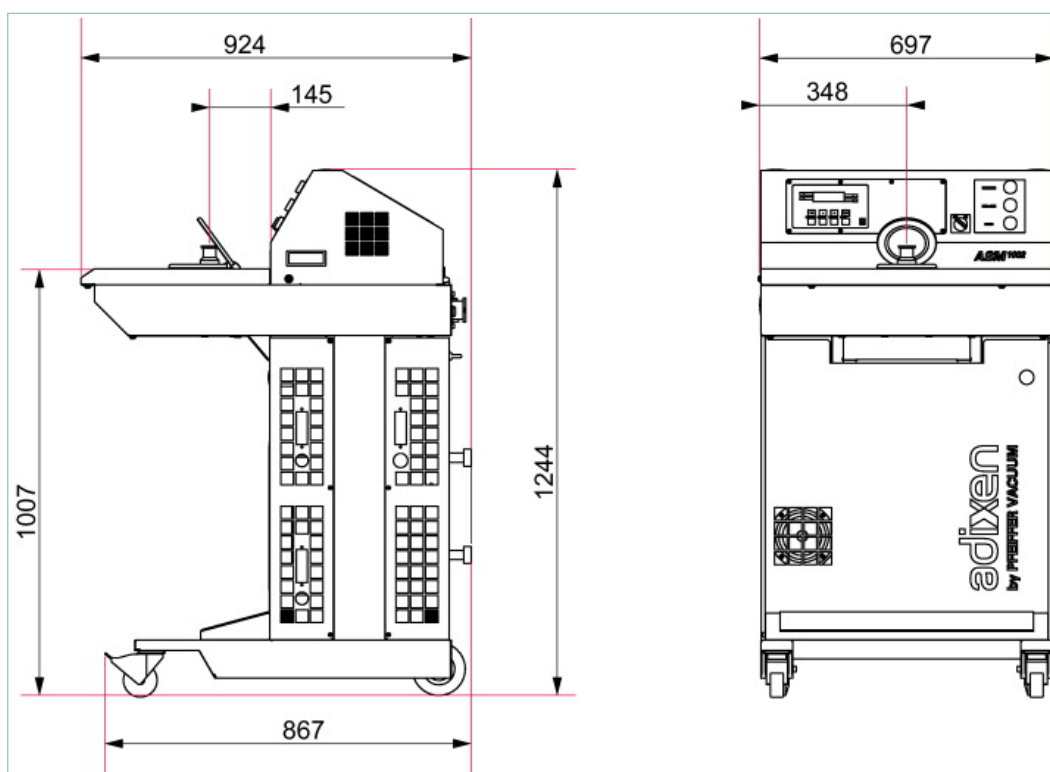
Three masses leak detection instead of only helium available upon request

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, small test chamber, remote control in mbar l/s, English language, 200/240 V and European power cable

Backing pump	with oil sealed backing pump
Backing pump capacity	50 m ³ /h
Detectable gases	⁴ He

Technical Data		ASM 1002, 50 m ³ /h, small test chamber, remote control in mbar l/s, English language, 200/240 V and European power cable
Dimensions (L x W x H)		697 x 867 x 1,244 mm 27.44 x 34.13 x 48.98 inch
Flange (in)		No flange but small 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		European 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	Y0R0R10MB820

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