



# 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, 25 m<sup>3</sup>/h, small test chamber, remote control in mbar l/s, English language, 110/130 V and US power cable

- Rotary vane pump with 25 m<sup>3</sup>/h backing capacity and high vacuum pump 200 l/s
- 4 l/s helium pumping speed
- 110/130 V operating voltage
- US power cable
- Voice synthesizer in English
- Small hemispherical test chamber 81 cm<sup>3</sup> internal volume (72 mm diameter, 31 mm depth) and automatic cycle start
- Remote control in mbar l/s

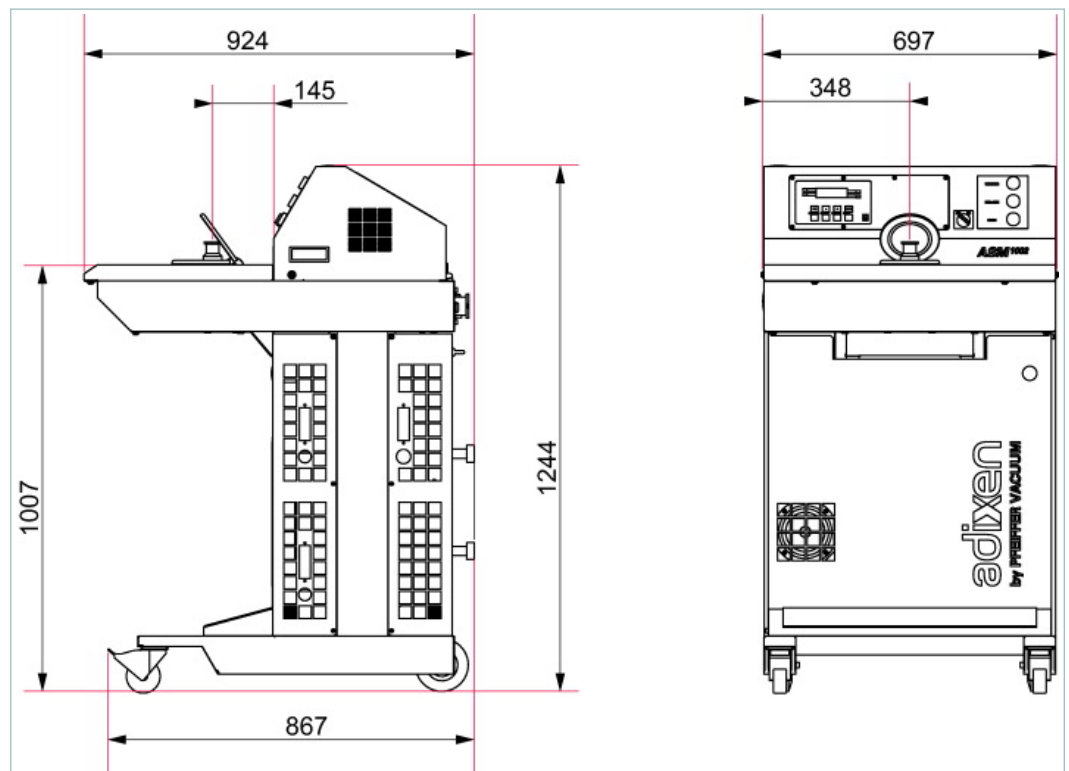
Three masses leak detection instead of only helium available upon request

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, 25 m<sup>3</sup>/h, small test chamber, remote control in mbar l/s, English language, 110/130 V and US power cable**

|                        |  |
|------------------------|--|
| Backing pump           | with oil sealed backing pump                         |
| Backing pump capacity  | 25 m <sup>3</sup> /h                                 |
| Detectable gases       | <sup>4</sup> He                                      |
| Dimensions (L x W x H) | 697 x 867 x 1,244 mm  <br>27.44 x 34.13 x 48.98 inch |

| Technical Data  |   | ASM 1002, 25 m <sup>3</sup> /h, small test chamber, remote control in mbar l/s, English language, 110/130 V and US power cable |
|---|---|--|
| 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   | US power cable  |  |
| Max. inlet test pressure  | 100 hPa   75 Torr   100 mbar  |  |
| Minimum detectable leak rate for helium (sniffing leak detection) | 1 · 10 <sup>-8</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-8</sup> Torr l/s   1 · 10 <sup>-7</sup> mbar l/s           |  |
| Minimum detectable leak rate for helium (vacuum leak detection)   | 1 · 10 <sup>-12</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-12</sup> Torr l/s   1 · 10 <sup>-11</sup> 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  | 110-130 V, 50/60 Hz   |  |
| Test method   | Vacuum and sniffing leak detection  |  |
| Type  | Workstation   |  |
| User interface  | Basic user interface  |  |
| Weight  | 190 kg   418.87 lb  |  |

| Order number |              |
|--------------|--------------|
| ASM 1002     | Y0R0S10MB710 |

| Accessories                                    |         |
|--|---------|
| <b>Foot pedal for cycle start</b>              |         |
| Foot pedal for cycle start, cable length 1.5 m | 100913  |
| <b>Head phone connector</b>                    |         |
| Head phone connector                           | A459818 |