

ASM 2000

Leak detectors



Highly sensitive

Helium leak detection down to $\approx 0.01 \mu\text{m}$, specially designed for validating sterile packaging

Deterministic

Quantifiable and repeatable results according to USP <1207> standard

Versatile

Turnkey solution with customized test chambers, adaptable to vials, syringes, bottles and other non-porous packages

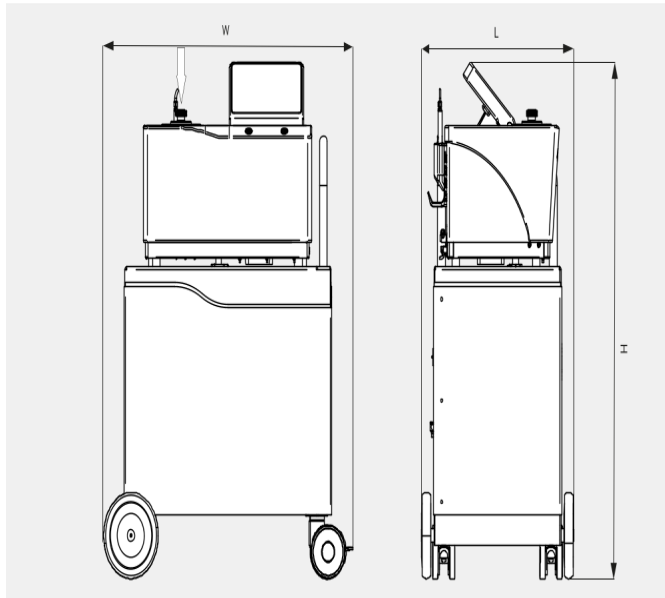
Accessories

- Helium spray gun
- Sniffer probe
- Exhaust filter
- Dry chiller module – 90
- Customized tooling

ASM 2000

Leak detectors

Dimensional drawing



Pumping speed

The following technical values refer to ISO Hz

ASM 2000	
Test methods	Vacuum and sniffing leak detection
Quantitative measurement range fine leak helium	$<1 \cdot 10^{-6} - 1 \cdot 10^{-4}$ mbar · l/s
Qualitative measurement range gross leak helium	$1 \cdot 10^{-6} - 1 \cdot 10^{-3}$ mbar · l/s
Qualitative measurement range massive leak air	$>1 \cdot 10^{-3}$ mbar · l/s
Minimum detectable helium leakage (sniffing test)	$>1 \cdot 10^{-6}$ mbar · l/s
CDA supply	required for operation
CDA quality	1.3.1 according to ISO 8573-1
CDA pressure (bar rel.)	4.5 - 10 bar rel.
CDA pressure (psig)	65 - 145 psig
Helium supply	required for operation

ASM 2000

Leak detectors



ASM 2000	
Helium pressure (bar rel.)	4.5 - 10 bar rel.
Helium pressure (psig)	65 - 145 psig
Nitrogen supply	required for operation
Nitrogen pressure (bar rel.)	4.5 - 10 bar rel.
Nitrogen pressure (psig)	65 - 145 psig
Power supply	90 - 250 V AC
Typical power consumption	3750 W
Operating temperature	15 - 25 °C
Humidity	30 - 80 %
User interface	10" multi-touch full HD color screen
Software	21 CFR part 11 compliance, PDF GMP test and calibration reports, authentication local or domain (LDAP)
Operating system	Windows 10
Network connection	1x LAN (RJ45)
Interfaces	2x USB 3.0 (ext.), 1x HDMI
Sound pressure level	<53 dB(A)
Weight approx.	140 kg
Dimensions (L x W x H) (mm)	913 x 558 x 1197 mm
Dimensions (L x W x H) (inch)	913 x 558 x 1197 inch