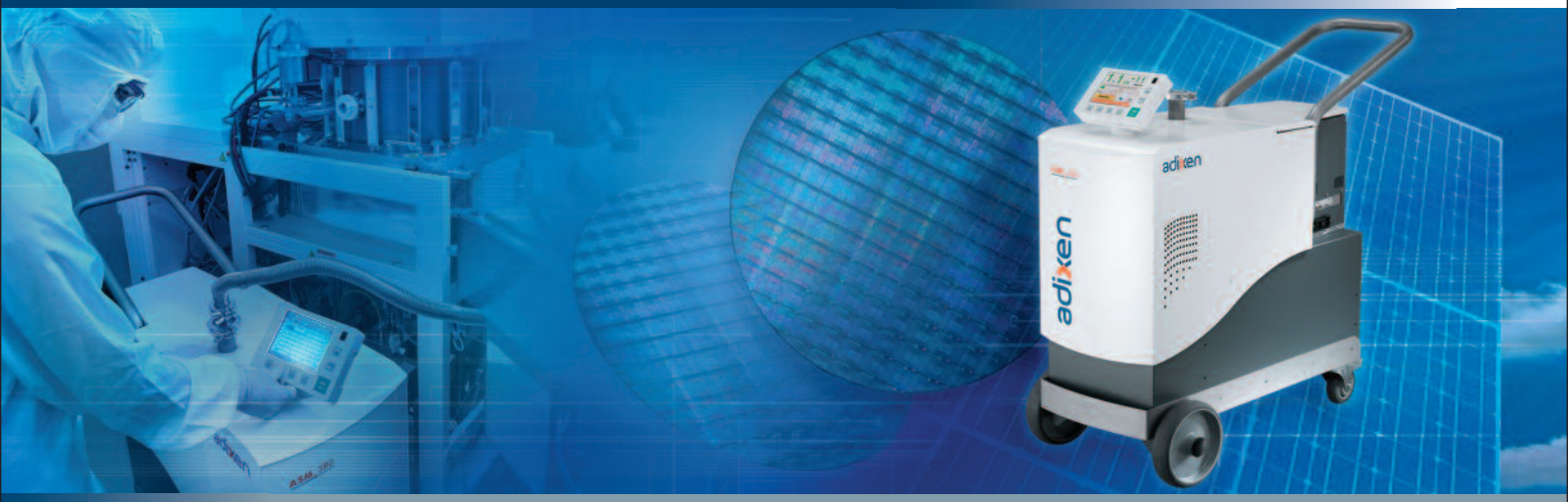
adixen

MOBILE HIGH PERFORMANCE HELIUM LEAK DETECTOR

ASM 380

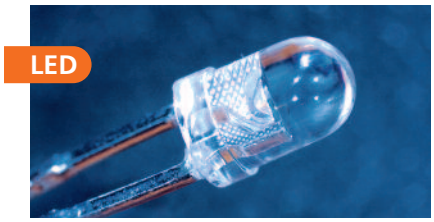


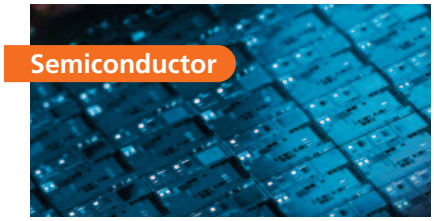
When leak detection efficiency meets simplicity

The ASM 380 has been designed for demanding helium leak test applications where ultra cleanliness and high pumping speeds are paramount. The ASM 380 is the one you need to make helium leak detection easy.

Applications

Due to an oil free and ultra clean pumping package, the ASM 380 is the perfect choice for the leak test maintenance of dry systems that cannot tolerate any contamination (such as process chambers in LED, semiconductor or solar panel manufacturing…).

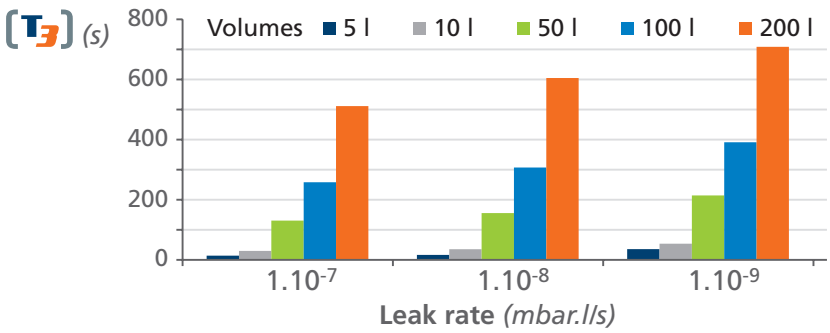




Powerful, intuitive, versatile, all in a small and smart package

The ASM 380 provides a fastest [T3*], regardless of the tested volume and the leak rate criteria

The ASM 380 is optimized for fast and accurate leak testing in all measurement ranges. It is the perfect combination of high dry pumping performance, sensitivity and mobility in the smallest footprint.



Efficient

- 35 m³/h (21 cfm) roughing capacity using frictionless and oil free Adixen pump
- 7 l/s helium pumping speed for a faster response time
- 15 mbar crossover pressure for a rapid entry into measurement mode
- Color touch panel display with full 360° viewing offering excellent visibility
- Intuitive menu easy to navigate
- Password protection to prevent from unintended use
- Recording and downloading capabilities thanks to the SD memory card

In addition to these features, the ASM 380 incorporates state of the art long life rugged filaments and new turbo pump design that ensure many thousands hours of trouble free operation in the most demanding of applications.

Easy

Narrow design, ergonomic handle and large wheels make the ASM 380 highly maneuverable for an easy access to the test equipment area, whether you're rolling on grid floor or passing over cables.

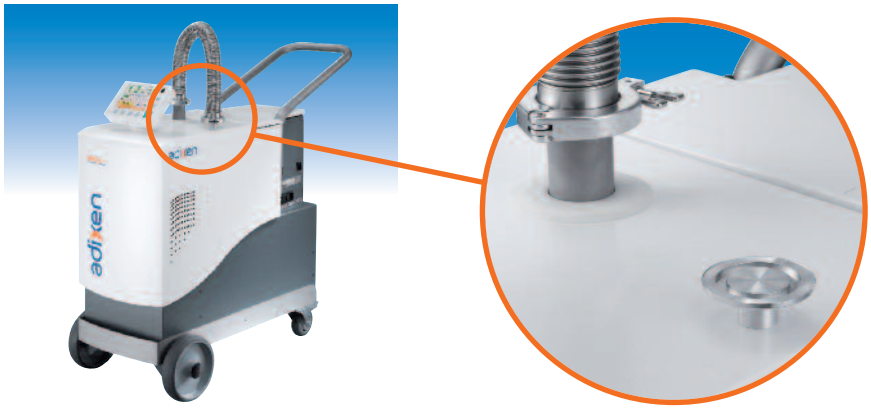
Using the lockable toolbox integrated inside the unit, all that you need for leak testing (vacuum bellows, helium spray gun…) will always be within reach.

The ASM 380 integrates a 360° rotational color touch panel display for added convenience. The easy to use software offers digital, bar graph or graphical display and is available in multiple languages for easy operation.

*T3 : Time To Test

User friendly

Besides being the most powerful and fast helium leak detector, the ASM 380 will also bring you a lot of user-friendliness through its customizable software and some innovative ideas. With the ASM 380, a blank off DN40 flange is provided to be screwed on the top of the unit in order to connect a vacuum bellow. Just put the bellow under vacuum before switching off the leak detector and this will prevent from any contamination inside the bellow and save time for the next leak test operation.



Equipped with the optional Bluetooth board, and using the ASM Pocket free software available on the adixen.com website, you are able to transform your PDA into a wireless remote control for the ASM 380. It is the dedicated solution for high sensitivity helium leak testing of very large systems and installations.

Accessories

Bottle holder

P/N	118444

20µm dust filter DN40/40

P/N	105842

Locking clamp DN40KF

P/N	118801

Remote control

P/N	mbar.l/s : 106688

Helium spray gun

P/N	112535

Long distance sniffer probe

P/N	SNC1E1T1

Technical specifications

Main characteristics	
Vacuum mode	
Minimum detectable Helium leak rate	5.10^{-12} mbar.l/s
Maximum inlet test pressure	15 mbar
Roughing capacity	35 m^3/h (21cfm)
Helium pumping speed	7 l/s
Sniffing mode	
Minimum detectable Helium leak rate	1.10^{-7} mbar.l/s
Response time	< 1s
Integrated functions	
Tracer gases	He, ^{3}He, H_2
Operator interface	Color touch panel display with 9 selectable languages
Calibration	Manual / automatic with built-in temperature compensated calibrated leak
Zero	Manual / Auto
Interface	RS232 (Options: Bluetooth / USB / Ethernet / Wifi)
I/O interface	yes
General & environmental specifications	
Dimensions, incl. handle (L×W×H)	1065 × 455 × 1025 mm (42 × 18 × 40 inch)
Weight	110 kg (242 lb)
Inlet port	DN40 ISO-KF
Universal voltage	90-240 VAC – 50/60 Hz
Max power consumption	1500 VA
Nominal power consumption	700 VA
Operating temperature	10 - 35 °C (50 – 95 F)
Noise level	53 dBA
Protection	IP 20

PART NUMBER
PSGB00E0MM9A