

Leak Detection Solutions

Helium Leak Detectors



ASM 142 , ASM Graph*

The ASM 142 and ASM Graph vacuum layout comprises a powerful rotary vane pump and a rugged molecular pump with optimum compression ratio for the detector. In addition ASMGraph offers a touch screen display with a user friendly interface.

Advantages:

- **Fastest cycle time thanks to largest primary pump in its class**
- **Service friendly**
You can change the RVP oil with cover installed
- **Important status messages by vocal synthesizer**
- **Very fast pump down to most sensitive mode**
Crossover pressure to fine leak mode at 0.5 mbar.
- **Graphical measurement and recording functionality (ASM Graph only).**

Specifications:

	Units	ASM 142 / ASM Graph*
Minimum detectable helium leak	mbar · l/s	$5 \cdot 10^{-12}$
Maximum inlet test pressure	mbar	10
Helium pumping speed at inlet of the unit	l/s	1.3
Roughing capacity	m ³ /h	10
Start-up time	min	< 3
Power consumption	kW/h	< 1

Specifications sniffing mode:

Minimum detectable helium leak	mbar · l/s	$1 \cdot 10^{-7}$
Response time	sec.	< 1

* with touch screen including color graphic display

Applications:

- Automotive
- Quality control
- Electronics and sensors
- Research and Development
- Space and aeronautics

Accessories and options:

- Helium spray gun
- Remote control – cable-bound or wireless
- Transport cart
- Inlet particle filters
- Test chambers
- Interface board to connect external control or PC

Sniffer probes:



Rigid tip
(various tube lengths)

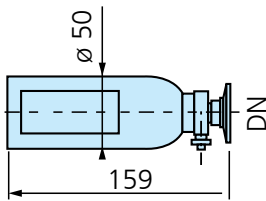


Flexible tip
(various tube lengths)

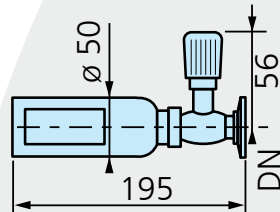


Special applications

Calibrated leaks:



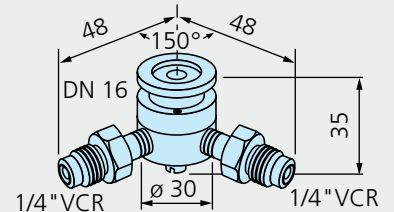
Integrated leak



External leak



Sniffing calibration accessories



Gas line calibrated leaks

Software:



ASM View

Leak detector control via PC. Data display and storage on PC.



ASM Downloader

Downloads files from ASMGraph memory to PC.



ASM Pocket

Software package for wireless remote control of leak detector via PDA or smartphone. Data is displayed and stored on the mobile device.

For further information please see:

<http://www.adixen.co.uk>