

# Leak Detection Solutions

## Helium Leak Detector with Rotary Vane Pump



### ASM 182 T

The ASM 182 T vacuum layout comprises a very powerful rotary vane pump (20 m<sup>3</sup>/h) and the most powerful Turbo pump which is available in commercial leak detectors.

#### Advantages:

- **Fastest cycle time thanks to biggest primary pump in its class** together with high crossover pressure and high-conductance valve block .
- **Important status messages by vocal synthesizer**
- **Very low Helium background** also with big test objects
- **Service friendly** – easy access to internal components thanks to flap cover design

#### Specifications:

	Units	ASM 182 T
Minimum detectable helium leak	mbar · l/s	5 · 10 <sup>-12</sup>
Helium pumping speed at inlet port	l/s	4.4
Cross-over pressure at inlet (for large leak test mode)	mbar	6
Standard Roughing System	m <sup>3</sup> /h	20 (oil sealed pump)
Inlet port size	DN ISO-KF	40

## Applications:

- Automotive
- Large volume test objects
- Industrial vacuum processes
- Mechanical parts and seals
- Research and Development

## Accessories and options:

- Helium spray gun
- Remote control – cable-bound or wireless
- Transport cart
- Inlet particle filters
- Test chambers

## Sniffer probes:



**Rigid tip**  
(various tube lengths)

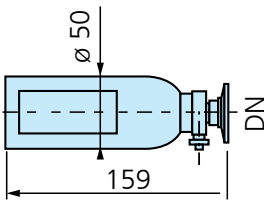


**Flexible tip**  
(various tube lengths)

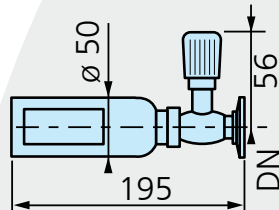


**Special applications**

## Calibrated leaks:



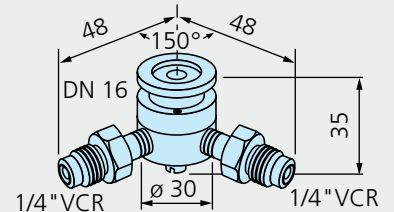
**Integrated leak**



**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>