

We test, you produce.

H520

LEAK TRACER FOR FINE LEAK DETECTION AND LOCALIZATION

The **H520**, a newcomer in the ATEQ range of leak detectors, is one of the finest gas tracer and hydrogen leak detectors on the market today.

The most cost effective solution when you desire to identify leaks in gr/year or ppm, equipped with all features for easy integration.

Highlights

- COST EFFECTIVE SOLUTION
- INDEPENDENT OF TEST VOLUME AND TEMPERATURE
- LEAK LOCALIZATION



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Measurement Characteristic

GAS DETECTION MEASUREMENT (H ₂)			
Range	Accuracy	Max. Resolution	Max.
0 - 100 ppm	10% of the concentration ± 1 ppm	0.1 ppm	1000 ppm

MEASUREMENT OF THE TEST PRESSURE			
Range	Accuracy	Max. Resolution	Max.
All range	1% of the pressure ± 2 digits	0.1 % Full Scale	2.5% Full Scale

Main Features

- Digital pressure survey
- Generated Suction Flow control
- Vacuum pre test (gross leak)
- Detection of leaking gas traces - Range: 5~ 100 ppm
- 32 programs
- 7 inputs/ 5 outputs
- Automatic measurement cycle
- RS232: printer, computer link

Technical specifications

Temperature	Operating: + 10°C to + 45°C Storage: 0°C to + 60°C
Interface	Navigation Keys 4 lines LCD
Weight	Approximately 4 Kg
Physical	Dimensions (in mm) (H 136 x L 250 x P 367)
External power supply	24 V DC - 2A
Electrical connectors	3 pin - plug (2P+T)
Pneumatical connection	2,7/4 and 4/6

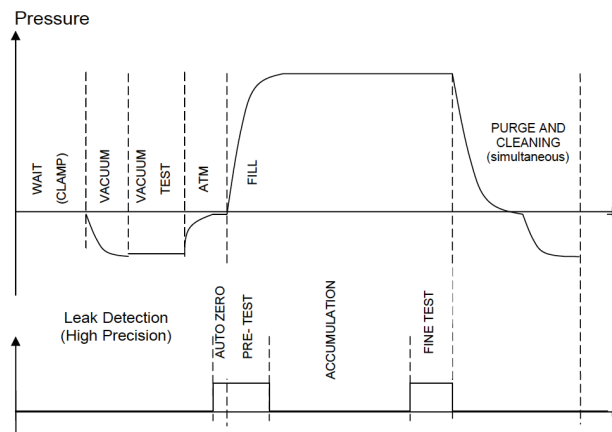
Options

- Remote
- Calibrator Leak
- External probe

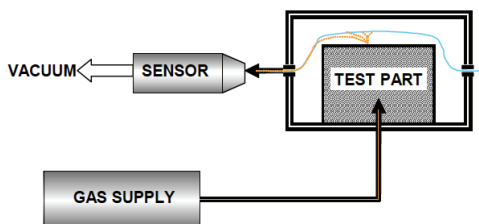
Applications

- Automobile : leak localization, cooling systems, alloy wheel, ...
- Domestic Appliances: compressor, ...

Test cycle

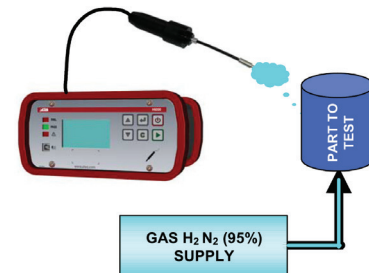


Test methodology



High precision method

With this test method a sniffer probe is used to monitor rising concentrations of the leaking tracer gas that is collected in a surrounding chamber.



External probe method

The operator can search for the leak location with the test probe. The device detect and every gas leak with the probe and displays the gas concentration.

