

We test, you produce.

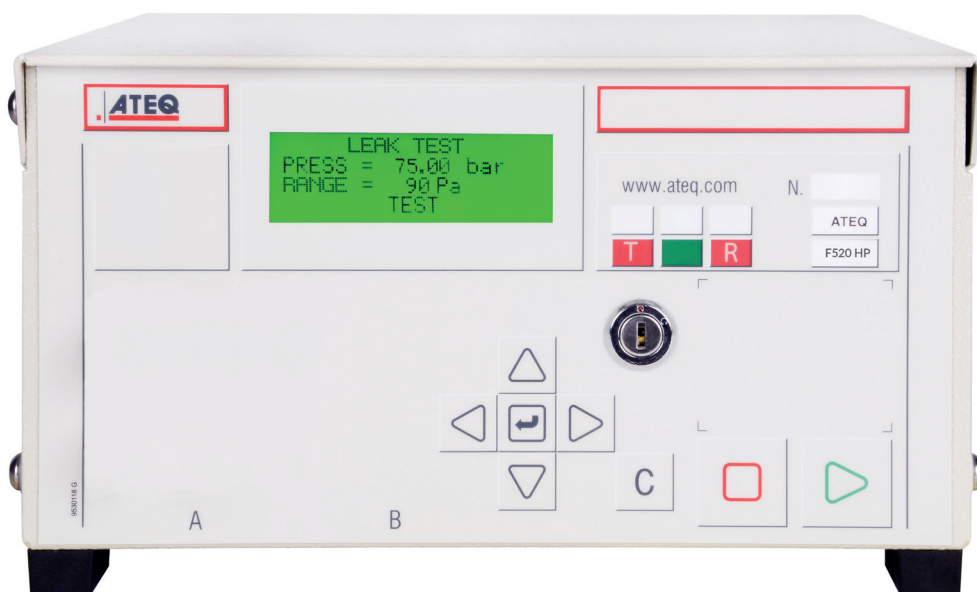
F520 HP

HIGH PRESSURE LEAK DETECTOR FOR PRODUCTION TESTING

Without any doubt, the smallest high-pressure leak detector on the market up to 100 bar. Specially adapted for automatic, semi-automatic or manual operation, the **F520 HP** has a comprehensive range of standard specifications as well as a complete package of options and accessories.

BENEFITS

- TEST PRESSURE: UP TO 100 BAR
- COMPACT FORMAT
- EXCELLENT VALUE
- SIMPLIFIED SETUP



Applications

Catheters, refrigeration parts, oil radiators, HP tubes and pipes, valves, hydraulic brakes...



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Measurement Characteristics

PRESSURE DROP MEASUREMENT		
Range	Accuracy	Max. Resolution
0 - 5000 Pa	$\pm(2.5\% \text{ of the pressure} + 10 \text{ Pa})$	1 Pa

TEST PRESSURE MEASUREMENT		
Range	Accuracy	Max. Resolution
$20 < \text{F.S.} \leq 50 \text{ bar}$	$\pm(1.5\% \text{ of the pressure} + 75 \text{ hPa})$	0.1% F. S.
P. E. = 100 bar	$\pm(1.5\% \text{ of the pressure} + 75 \text{ hPa})$	0.1% F. S.

Measurement range: from 10 to 100% of full scale.

Main Features

- Differential pressure decay leak measurement
- 1 measurement range (ΔP) F.S.: 5000 Pa
- 32 programs
- Languages (English + other one)
- Electronical pressure regulator 4 MPa
- Mechanical pressure regulator 8 MPa

Test modes

- ΔP (Pa, 1/10 Pa)
- $\Delta P / t$ (Pa/s, 1/10 Pa/s)
- Flow units (mm³/s, cm³/s, cm³/min, cm³/h)
- Blockage test
- and others, depending on your applications

Flexible communication format

- **RS232:** printer / bar code reader / save module / PC
- J5: remote control
- **RS485:** networking with other ATEQ's instruments
C540 – C545 - F580



Leak Flow calibrator CDF60 (accessory)

Technical specifications

Temperature	Operating: + 0°C to + 45°C Storage: 0°C to + 60°C
Interface	Navigation Keys 4 lines LCD Screen Results Lights
Weight	Approximately 7 Kg
Physical	Dimensions: (WxHxD) 250 x 136 x 390 mm
Air supply	Clean and dry air required Air quality standard to be applied (ISO 8573-1)
External power supply	24 V DC - 2A Main power supply 110 - 230 V AC supplied

Accessories

- Remote control
 - ATEQ Software (WinAteq)
 - Leak Flow Calibrator
 - Leak jets
 - Connectors
- Please refer to ATEQ accessories list

Options

- 7 inputs / 5 outputs
- Electronic regulator
- 6 x 24 V programmable outputs for external automation
- 2 analogue outputs: 0 - 10 V or 4 - 20 mA
- Profibus

