

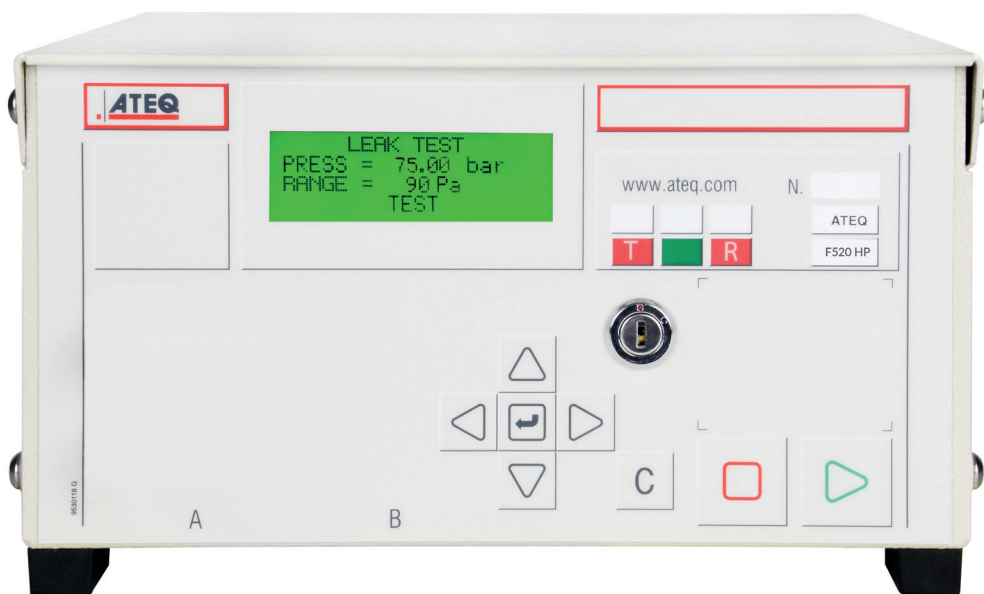
We test, you produce.

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.

Highlights

- 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...



F520 HP

HIGH PRESSURE LEAK DETECTOR FOR PRODUCTION TESTING

Measurement Characteristic

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

TEST PRESSURE MEASUREMENT		
Range	Accuracy	Max. Resolution
20 < F.S. \leq 50 bar	\pm (1.5% of the pressure + 75 hPa)	0.1% F. S.
P. E. = 100 bar	\pm (1.5% of the pressure + 75 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) 250x136x390 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

