

F520HP

High pressure leak detector for production testing

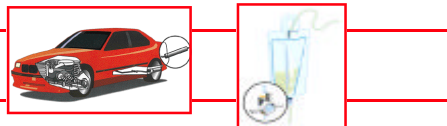


5 SERIES

Without any doubt, the smallest high-pressure leak detector on the market. Specially adapted for automatic, semi-automatic or manual operation, the **F520HP** has a comprehensive range of standard specifications as well as a complete package of options and accessories.

Applications

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



Main features and characteristics

- Differential mode pressure drop leak measurement
- 1 leak detection range (ΔP) P.E. : 5 000 Pa
- Test modes:
 - ΔP (Pa, $1/10$ Pa)
 - $\Delta P / \Delta t$ (Pa/s, $1/10$ Pa/s)
 - flow units (mm³/s, cm³/s, cm³/min, cm³/h)
 - blockage test
 - and others depending on your application
- 16 programs
- **Serial links:**
 - RS232: printer, P.C. and parameter storage modules
 - RS232: RC5 remote control
 - RS485: Networking with C540, C545 or F580
- And:
 - Time and date display, choice of languages and units, customisation of tests for your requirements, automatic measurement cycle...

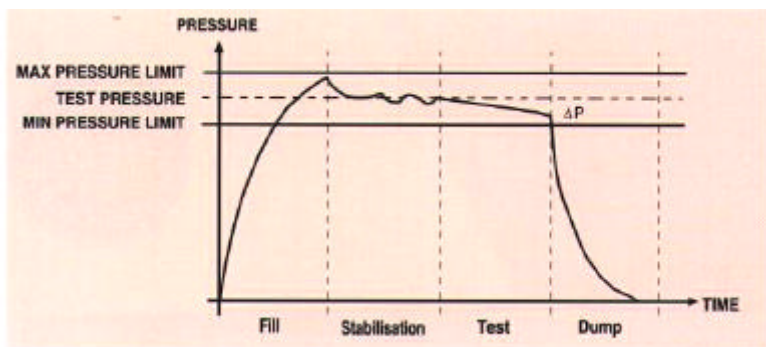
Options

- 7 local inputs / 5 local outputs
- Electronic regulator
- 6 24 V programmable outputs for external automation
- 2 analogue outputs:
 - 0 - 10 V or 4 - 20 mA
- Can be networked with:
 - C540, C545 and F580.
 - Profibus Fieldbus converter

Measurement principle



Configuration and results storage module (accessories)



Measurement range

PRESSURE MEASUREMENT		
RANGE	ACCURACY	MAXIMUM RESOLUTION
40 bar	± 2.5 % + 1 Pa	0.01 bar
80 bar	± 2.5 % + 1 Pa	0.01 bar

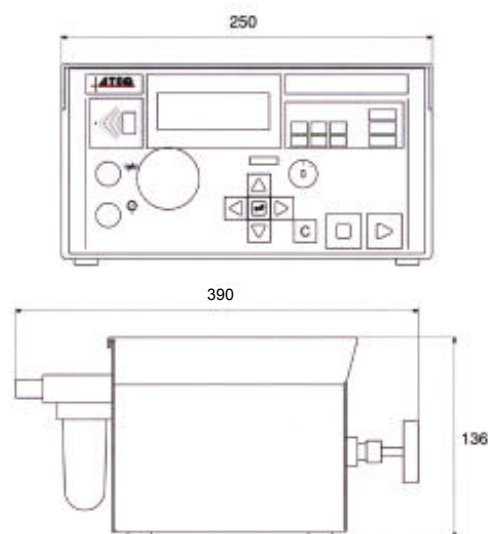
ΔP MEASUREMENT		
RANGE	ACCURACY	MAXIMUM RESOLUTION
5 000 Pa	± 1% P + 2 digits	1 Pa

MECHANICAL PRESSURE REGULATION

80 bar

ELECTRONIC PRESSURE REGULATION

40 bar



Technical specifications

- **Presentation**
Weight: about 9 kg
- **Interface**
Navigation keys
4 line LCD display
Results indicators
- **External power supply**
Power: 24 V DC / 1,6 A
Mains power supply 110 - 230 V AC supplied
- **Air supply**
It must imperatively be clean and dry
Air quality standard to be applied (ISO 8573-1)
- **Temperature**
Operating : + 10°C to + 45°C
Storage : 0°C to + 60°C

Accessories

Start/Reset remote control
RC5 remote control
Printer
Parameter storage modules
ATEQ software
(WINATEQ - S5 DEMO)
Needle valve
Master leak
Filtration kit
Sealing connectors
Please refer to ATEQ accessories list



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