



F570

Leak detector for automatic and semi-automatic test stations



- ✓ DUAL DISPLAY - LCD AND HIGH VISIBILITY LED'S
- ✓ OPTIMISED MEASUREMENT
- ✓ EASY SET-UP
- ✓ STANDARD INDUSTRIAL FORMAT
- ✓ COMPREHENSIVE SPECIFICATIONS

5 SERIES

Specially adapted for automatic or semi-automatic test stations. The F570 comes with a high level of specifications as standard together with the latest advances in measurement and operation.



Main Features

- Differential pressure decay leak measurement
- 3 ranges of leak measurement (ΔP)
Full scale: 50 Pa or 500 Pa or 5000 Pa
- Test modes:
 - ΔP
 - $\Delta P / \Delta t$
 - Flow units
 - Blockage test
 - and others, depending on your applications
- New, faster system to fill parts
- Manual calibration on front panel with calibrated leak
- 16 programs
- **Serial links:**
 - RS232:** printer P.C. and save modules
 - RS232:** intelligent remote control RC5
 - RS485:** ATEQ network
 - Infrared:** switch, LFC, P.C...
- Time and date display, choice of languages and units, customisation of tests for your requirements, automatic measurement cycle...



Applications



Automotive: shock absorbers, gearboxes, tank caps, carburettors, non return valves, cylinder heads, filters, radiators, seals, cylinders, engine oil and water circuits...

Domestic appliances: bottles, percolators, cookers, steam irons, ovens, washing machines...

Medical: catheters, dialysis equipment, micropipettes, plastic taps, drain bags, syringes, valves...

Packaging: aerosol cans and valves, trigger pumps, ink cartridges, cosmetic bottles, food sachets...

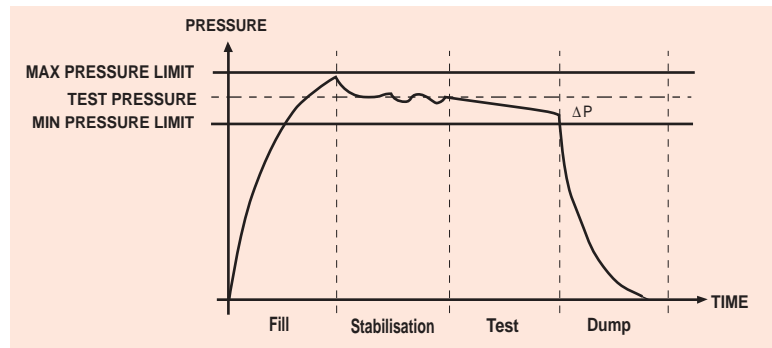
Options

- 7 inputs / 5 outputs
- Electronic regulator
- Dual pressure
- High speed valve
- Y-valve (2 test ports)
- 2 pneumatic outputs for control of sealing connectors
- 6 x 24 V programmable outputs for external connection
- 2 analogue outputs:
0 - 10 V or 4 - 20 mA
- Automatic calibration check
- Temperature compensation
- Modbus (Fieldbus)

ATEQ
www.ateq.com

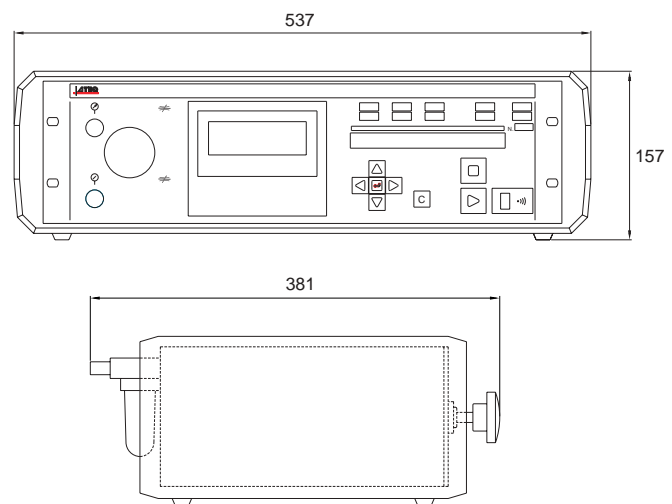


Principle of Measurement



Measurement Ranges

ΔP MEASUREMENT		
RANGE	ACCURACY	MAXIMUM RESOLUTION
0 - 50 Pa	± 2.5% P + 1 Pa	0.01 Pa
0 - 500 Pa	± 2.5% P + 1 Pa	0.1 Pa
0 - 5000 Pa	± 2.5% P + 1 Pa	1 Pa
PRESSURE MEASUREMENT		
RANGE	ACCURACY	MAXIMUM RESOLUTION
All ranges	± 1% P + 2 digits	0.1% of full scale
MECHANICAL PRESSURE REGULATION		
Vacuum / 5 - 50 kPa / 20 - 400 kPa / 50 - 900 kPa / 50 - 1 600 kPa		
ELECTRONIC PRESSURE REGULATION		
Vacuum / 1 - 10 kPa / 5 - 50 kPa / 20 - 200 kPa / 50 - 500 kPa / 100 - 1 000 kPa / 100 - 1 600 kPa / 100 - 2000 kPa		



Technical Specifications

- **Physical**
Weight: approximately 15 kg
- **Interface**
Navigation keys
Alphanumeric display 14 digits
LCD display 4 lines
Results indicator lights
- **External electrical supply**
Voltage: 90 - 260 V AC / 1.6 A
- **Air supply**
Clean and dry air required
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
Intelligent remote control
Printer
Save modules
ATEQ software (WINATEQ, S5 DEMO)
Needle valve
Calibrated leak
Filtration kit
Vacuum pump
Sealing connectors

*Please refer to ATEQ
accessories list*



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