

We test, You produce

F620

LEAK TEST INSTRUMENT

FOR INDUSTRIAL QUALITY CONTROL

After 40 years, and 100,000 testers installed in more than 5,000 customers worldwide, ATEQ presents its revolutionary leak tester: **F620**.

New electronic module, new measurement module, new interface, new accessories... All has been made to improve your quality control.

And yet, inside can be found the latest leak testing technics and technology that will guarantee you the fastest and most accurate leak testing cycle on the market.

Highlights

- LARGE COLOR DISPLAY
- MAXIMUM PERFORMANCE
- MULTIPLE COMMUNICATION



Applications

Automotive, domestic appliances, Medical, aeronautic, defense,
Fluid and electrical components, food and cosmetic packaging...



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Measurement Ranges

PRESSURE DROP MEASUREMENT		
Range	Accuracy	Maximum resolution
0 - 50 Pa*	±(2% of the pressure + 0.5 Pa)	0.1 Pa
0 - 500 Pa	±(2.5% of the pressure + 1 Pa)	0.1 Pa
0 - 5000 Pa	±(2.5% of the pressure + 10 Pa)	1 Pa
TEST PRESSURE MEASUREMENT		
Range	Accuracy	Maximum resolution
-1 ≤ F.S. ≤ 1 bar	±(1.5% of the pressure + 3 hPa)	0.1% F.S.
1 ≤ F.S. ≤ 5 bar	±(1.5% of the pressure + 7.5 hPa)	0.1% F.S.
5 ≤ F.S. ≤ 10 bar	±(1.5% of the pressure + 15 hPa)	0.1% F.S.
10 ≤ F.S. ≤ 20 bar	±(1.5% of the pressure + 30 hPa)	0.1% F.S.

* High accuracy mode

Main Features

- Differential pressure decay leak measurement. Use in pressure and vacuum.
- Large range of leak measurement (ΔP) F.S.: 50 Pa, 500 Pa or 5000 Pa
- 128 programs
- setting on line (via USB)
- 2 languages (English + other one)
- Manual calibration on front panel with calibrated leak
- Data storage on internal memory or USB key

ENVIRONMENT

- ROHS standard

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
- Burst test
- Sealed components test
- and others, depending on your applications

FLEXIBLE COMMUNICATION FORMAT

- RS232: printer, modbus RTU
- Slave USB: PC supervision (WinAteq 300, sesame)
- Master USB: USB key to transfert (parameters, results, ...)
- Option Fieldbus: profibus, devicenet, profinet, Ethernet/I, Modbus TCP
- Additional Master USB (option) on back panel (Bar code reader - remote control)

Technical Specifications

Physical	Weight: 7 Kg Dimensions: (WxHxD) 250x150x360 mm
Interface	Graphic color screen with simple and intuitive menu-driven operator controls SMART KEY: programmable key with user's functions
Electrical supply	24 V DC/2A or 100- 240 V AC / 50W
Air supply	Command 4/6 bar Pressure 1 or 2 bar > test pressure Clean and dry air Air quality standard to be applied (ISO 8573-1)
Temperature	Operating: + 10°C at + 45°C Storage: 0°C at + 60°C

Options

- 9 inputs / 5 local outputs compatible with 5 series instruments
- 6 inputs/ 6 outputs 24 V programmable for external automation
- Electronic regulator
- Dual pressure
- Automatic calibration check
- 2 pneumatic outputs for control of sealing connectors
- Memory card for archiving results (1 millions)

Accessories

- Simple remote control TLC60 connection I/O
- Advanced remote control TLC600 connection master USB
- USB key for parameters access
- Y valve
- WinAteq 300 software
- Leak calibrator
- Master leak
- Connectors...



REMOTE CONTROL



→ OTHER FORMATS
F610 WATERPROOF CASE



F670 19"3U case

ATEQ

