F670
LEAK TEST INSTRUMENT
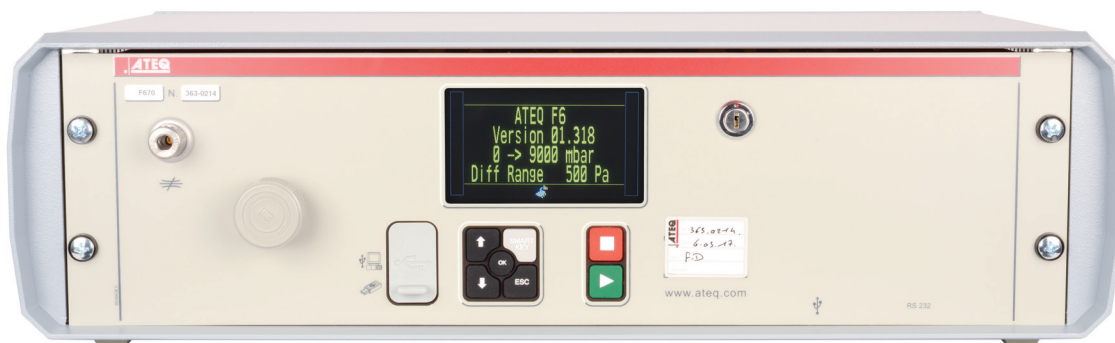### FOR INDUSTRIAL QUALITY CONTROL

After 48 years, and 930.000 testers installed in more than 5,000 customers worldwide, ATEQ presents its revolutionary leak tester in an industrial 19" 3U format: F670.

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...

.|ATEQ

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Measurement characteristics

PRESSURE DROP MEASUREMENT		
Range	Accuracy (Lab conditions)[1]	Max. resolution
50 Pa	±(1.0% Reading + 0.5 Pa)	0.1 Pa
500 Pa	±(0.5% Reading + 0.5 Pa)	0.1 Pa
5000 Pa	±(0.5% Reading + 5 Pa)	1 Pa

[1]Accuracy: linearity + repeatability + hysteresis
*Optional laboratory accuracy available

Environment

• ROHS standard

Test modes

• ΔP (Pa, 1/10 Pa)
• ΔP/t (Pa/s, 1/10 Pa/s)
• Flow units (sccm, 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 : imprimante, Modbus RTU
• USB esclave : supervision PC (Winateq300, Sésame)
• USB maître : transfert sur clé USB (paramètres, résultats...)
• Option réseau de terrain :
  profibus, devicenet, profinet, Ethernet/IP

TLC 600
Remote control

TLC 60
Remote control

Main features

• Differential pressure decay leak measurement.
• Mechanical or electronic regulator from vacuum to 20 bar
• 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

Technical specifications

Physical	Weight: 7 Kg Dimensions: (WxHxD) 537 x157 x 380 mm
Interface	Graphic color screen with simple and intuitive menu-driven operator controls SMART KEY: programmable key with user's functions
Electrical external supply	24VDC/2Aor100-240VAC/50W
Air supply	Clean and dry air required Air quality standard to be aplied (ISO 8573-1) Test pressure input, need an external regulator
Temperature	Operating: +5°C to +45°C Storage: 0°C to +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...

OTHER FORMATS

F610 waterproof case

F620 Compact case