

We test, You produce

F670 HP

HIGH PRESSURE LEAK TEST INSTRUMENT FOR INDUSTRIAL QUALITY CONTROL

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: **F670 HP**.

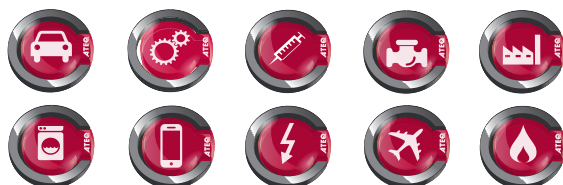
BENEFITS

- LARGE COLOR DISPLAY
- MAXIMUM PERFORMANCE
- MULTIPLE COMMUNICATION
- TEST PRESSURE UP TO 80 BAR (1160 PSI)
- DIFFERENTIAL LEAK MEASUREMENT



Applications

Automotive, domestic appliances, medical, aeronautic, defense, fluid and electrical components, food and cosmetic packaging...



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Measurement Characteristics

PRESSURE DROP MEASUREMENT			
Range (Pa)	Standard accuracy*	Optional accuracy (Laboratory calibration on request)	Max. resolution (pa)
0 - 5000	$\pm (2.5\% \text{ Rdg} + 10 \text{ Pa})$	On request	1

*Accuracy: Deviation + Repeatability + Hysteresis.
Rdg: Reading.

Main Features

- Differential pressure decay leak measurement
- Large range of leak measurement
(ΔP) F.S.: 5000 Pa
- 128 programs
- Setting on line (via USB)
- 2 languages (English + other one)
- Data storage on internal memory or USB key

Environment

- ROHS standard

Test Modes

- ΔP (Pa)
- $\Delta P/t$ (Pa/s)
- Flow units (sccm, mm³/s, cm³/s, cm³/min, cm³/h...)
- Blockage test
- Desensitized 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/IP

Technical Specifications

Physical	Weight: 11 Kg (24 lbs) Dimensions: (WxHxD) 537 x 157 x 380 mm
Interface	Graphic color screen with simple and intuitive menu-driven operator controls SMART KEY: programmable key with user's functions
Electrical supply	24V DC - 2.5A (60W)
Air supply	Command 600 kPa (87 PSI) +/-15% Pressure 1 or 2 bar > Test pressure Clean and dry air Air quality standard to be applied (ISO 8573-1)
Temperature	Operating: 5 °C to + 45 °C (41 °F to 113 °F) Storage: 0 °C to + 60 °C (32 °F to 140 °F)

Options

- 9 inputs / 5 local outputs compatible with 5 series instruments
- 6 inputs/ 6 outputs 24 V programmable for external automation
- Mechanical regulator 50 or 100 bar (725 or 1450 PSI)
- Electronic regulator 40 or 50 or 70 bar (580 or 725 or 1015 PSI)
- Memory card for archiving results (1 million)

Accessories

- Simple remote control TLC60 connection I/O
- Advanced remote control TLC600 connection master USB
- USB key for parameters access
- WinAteq 300 software
- Remote Silencer (diameter 74 mm - length 212 mm)



OTHER
FORMATS

TLC 600
Remote control

TLC 60
Remote control

F620 HP Compact case

