F600
LEAK TEST INSTRUMENT
FOR INDUSTRIAL QUALITY CONTROL

After 47 years, and 275,000 testers installed in more than 5,000 customers worldwide, ATEQ presents its new entry level leak tester by absolute pressure measurement: F600.

Inside can be found the latest leak testing technics and technology to improve your quality control thanks to its renewed electronic module, measurement module, interface, accessories...

Highlights

→ LARGE COLOR DISPLAY
→ EXCELLENT VALUE
→ SIMPLIFIED SET UP

Applications

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

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Measurement Characteristics

PRESSURE DROP MEASUREMENT			
Test Range	ΔP Range	Accuracy	Max. resolution
Vacuum 500 Pa 5 bar 20 bar	500 Pa (500 mbar) 1.00 kPa (vide, 500 mbar, 5bar, 20 bar) 5.00 kPa (vide, 500 mbar, 5bar, 20 bar) 10.00 kPa (vide, 500 mbar, 5bar, 20 bar) 50.00 kPa (vide, 500 mbar, 5bar, 20 bar) 100.00 kPa (20 bar)	+/- 1% Full scale	1 Pa (500 Pa) 0.01 kPa (autres)

Accuracy: linearity + repeatability + hysteresis

Main Features
- Pressure decay leak measurement
- Mechanical or electronic regulator from vacuum to 20 bar
- 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
- Flow units (sccm, mm³/s, cm³/s, cm³/min, cm³/h...)
- Blockage test, blowing mode
  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, ...)
- 6 inputs/ 6 outputs 24 V programmable for external automation
- Option Fieldbus: profibus, devicenet, profinet, Ethernet/IP

Technical Specifications

Physical	Weight: 7 Kg Dimensions: (WxHxD) 255x150x270 mm
Interface	Graphic color screen with simple and intuitive menu-driven operator controls SMART KEY: programmable key with user's functions
Electrical supply	24VDC/2A
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: + 5°C at + 45°C Storage: 0°C at + 60°C

Option
- 2 pneumatic outputs for control of sealing connectors
- Small volume (F600 LP)
- Small volume/ vacuum (F600 LPV)
- Electronic regulator

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...

TLC 60
Remote control

TLC 600
Remote control