

We test, You produce

F600

LEAK TEST INSTRUMENT FOR INDUSTRIAL QUALITY CONTROL

New electronics, new pneumatic module, new interface, new accessories... Everything has been designed to make industrial leak testing fast, safe and user-friendly, while guaranteeing measurement performance and reliability.

With the **F600**, you have a device with the best quality-price-service ratio!

BENEFITS

- 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 Ranges	ΔP Ranges						Accuracy*	Max. resolution
Vacuum	500 Pa	1.00 kPa	5.00 kPa	10.00 kPa	50.00 kPa	100.00 kPa	500 Pa and 1 kPa: ± (2.5% Rdg + 1% FS) Other Ranges: ± (1.0% Rdg + 1% FS)	Range 500 Pa: 1 Pa Other Ranges: 0.01 kPa
500 mbar		✓	✓	✓	✓			
5 bar	✓	✓	✓	✓	✓			
20 bar		✓	✓	✓	✓	✓		

*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

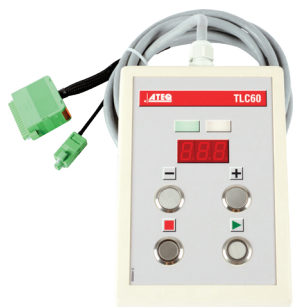
- Flow units (mm³/s, cm³/s, cm³/min, cm³/h...)
- Blockage test, blowing mode and others, depending on your applications

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



TLC 600
Remote control



TLC 60
Remote control

Technical Specifications

Physical	Weight: 7 Kg Dimensions (mm): (WxHxD) 255 x 150 x 270
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...

