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							Accuracy*	Max. resolution
Test Ranges	ΔP Ranges							
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

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...

TLC 600
Remote control

TLC 60
Remote control