

# We test, You produce

## F620

### 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: **F620**.

New electronic module, new measurement module, new interface, new accessories... All has been made to improve your quality control.

Inside is the latest leak testing 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...



# F620

## LEAK TEST INSTRUMENT FOR INDUSTRIAL QUALITY CONTROL

### Measurement Characteristics

PRESSURE DROP MEASUREMENT		
Range	Accuracy up to*	Max. resolution
20 Pa**	±(2.0% Reading + 0.05 Pa)	0.001 Pa
50 Pa	±(1.0% Reading + 0.5 Pa)	0.01 Pa
500 Pa	±(0.5% Reading + 0.5 Pa)	0.1 Pa
5000 Pa	±(0.5% Reading + 5 Pa)	1 Pa

Accuracy: linearity + repeatability + hysteresis

\*Optional laboratory accuracy

\*\*Maximum test pressure 3 bar

### Main Features

- Differential pressure decay leak measurement
- Large range of leak measurement (ΔP) F.S.: 20 Pa, 50 Pa, 500 Pa or 5000 Pa
- 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

- ΔP (Pa, 1/10 Pa)
- ΔP/t (Pa/s, 1/10 Pa/s)
- Flow units (sccm, mm<sup>3</sup>/s, cm<sup>3</sup>/s, cm<sup>3</sup>/min, cm<sup>3</sup>/h...)
- Blockage test
- Burst test
- Sealed components 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: 7 Kg

Dimensions: (WxHxD) 250 x 150 x 360 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 or 100-240VAC/50W

#### 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 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 million)

### 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

### Other Formats



F610 Waterproof case



F670 19"3U case



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