

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

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...



ATEQ

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^3/s, cm^3/s, cm^3/min, cm^3/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

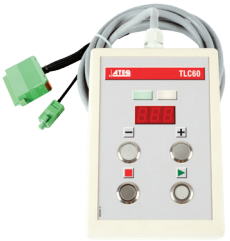
Options

- 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

Specifications subjects to change without notice, non-contractual photos. September 2023.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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