F670LV
LEAK TESTER
FOR LARGE VOLUMES

F670LV is a breakthrough instrument able to leak test very large volumes using a new patented technology (Based on Pressure Decay) thanks to the high sensitivity of our latest pressure transducer.

Highlights

→ FAST AND FLEXIBLE DATA HANDLING
→ EASY AND QUICK INTEGRATION
→ EASY NETWORKING DEVICES

Applications

Parts with very large Volumes such as tanks, electrical car batteries...

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Measurement characteristics

EASY CALIBRATION AND CHECKING		
Range	Accuracy (Lab conditions)[1]	Max. resolution
0 - 20 Pa	< 2 Pa: 0.04 Pa > 2 Pa: 2% Rdg	0.001 Pa

[1]Accuracy: linearity + repeatability + hysteresis

Options

- 9 inputs / 5 outputs
- Optional Fieldbus: PROFIBUS, DeviceNet, PROFINET, EtherNet/IP, EtherCAT network, Modbus RTU
- 2 pneumatic outputs for automation

Accessories

- ATEQ software Winateq 300
- Filtration kit
- Printer
- Leak Flow Calibrator
- Leak jet
- Connectors
  Consult our accessories brochures

Main Features

- 128 programs
- Large Flow Valves for fast management of the parts
- Fully integrated electronics and pneumatics
- Flexible communication format: RS232, USB

Environnement

- ROHS standard

Technical Specifications

Presentation	Weight: around 35 Kg
Physical	Dimensions (in mm) H295*W520*D550
Electrical external supply	Voltage: 24 V DC / 1.6 A
Air supply	Clean and dry air required Air quality standard to be aplied (ISO 8573-1) Test pressure input, need an external regulator
Temperature	Operating: +5°C to +45°C Storage: 0°C to +60°C

NEW DNC
TECHNOLOGY

Ateq's DNC (differential Noise Cancelling) function provides a more stable leak reading by compensating for background disturbances so they don't influence the leak sensor.

Factory Disturbances

Temperature Variations
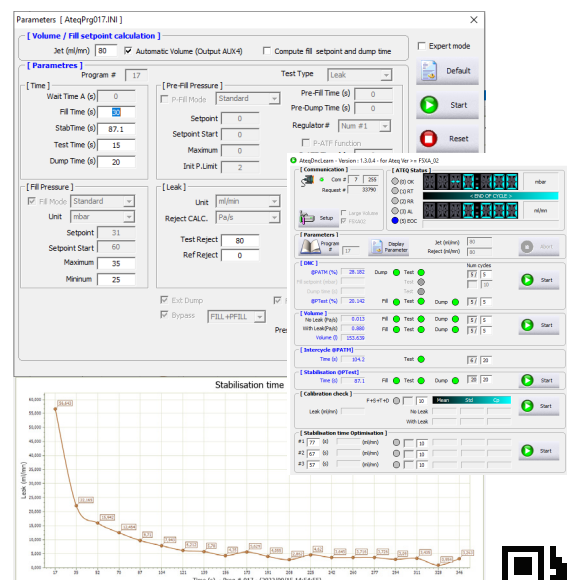Opening Doors or Windows, Fans, HVAC Systems

Pressure Variations
Time of Day, Weather, Sound Level

Vibrations
Machine Movement, Wind, Forklifts, Music

ATEQ-DNC LEARN SOFTWARE HELPS YOU TO PROGRAM YOUR F670LV DEVICE!

Thanks to the software you can set test parameters (filling time, emptying, stabilisation, test, standard leak,...)

.ATEQ

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