

We test, You produce

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.

BENEFITS

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



Applications

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



F670LV

LEAK TESTER

FOR LARGE VOLUMES

Measurement Characteristics

PRESSURE DROP MEASUREMENT			
Range (Pa)	Standard accuracy*	Optional accuracy (Laboratory calibration on request)	Max. resolution (Pa)
0 - 20	± (2% Rdg + 0.3 Pa)	0 to 2 Pa: +/- 0.1 Pa	0.001
		Over 2 Pa: +/- (2% Rdg + 0.1 Pa)	

*Accuracy: Deviation + Repeatability + Hysteresis.
Rdg: Reading.

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

Accessories

- ATEQ software Winatq 300
- Filtration kit
- Printer
- Leak Flow Calibrator
- Leak jet
- Connectors

Consult our accessories brochures

Options

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

Technical Specifications

Presentation	Weight: around 35 Kg
Physical	Dimensions (in mm): (HxWxD) 295 x 520 x 550
Electrical external supply	Voltage: 24 V DC / 1.6 A
Air supply	Clean and dry air required Air quality standard to be applied (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,...)

