



Measurement Solutions.
Global Leader.



F770

LEAK TEST INSTRUMENT FOR INDUSTRIAL QUALITY CONTROL

ATEQ introduces the **F770**, part of the brand-new Series 7 — a next-generation product line set to revolutionize measurement in factories and laboratories. Designed with a larger format for enhanced performance and scalability, the F770 is perfectly suited for seamless integration into industrial racks and machine assemblies. Its modern design and dynamic interface are engineered to captivate users while maximizing testing efficiency.

➔ BENEFITS



Dynamic, user-centric
touchscreen interface



Secure cloud connectivity
for real-time data and
documentation access



High-precision,
high-repeatability
measurements



Worldwide presence and International Expertise

- Serving 40+ countries with dedicated local teams
- Personalized service & training
- Warranty international optional

➔ APPLICATIONS



Automotive,
(EV, Hydrogen...)



Domestic
Appliance



Electronic



Medical



Data Centers



Food packaging



HVAC



Cosmetic



Aeronautic



Defense



Maritime

➔ ATEQ CLOUD

- Centralized cloud access to product documentation, certifications, and service reports
- Online support tools to assist users in diagnosing bugs and system errors
- Secure access for expert configuration and advanced settings



➔ MEASUREMENT RANGES

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)	
0 - 50	Calibration only in laboratory	+/- (1% Rdg + 0.5 Pa)	0.01
0 - 500	+/- (1% Rdg + 1 Pa)	+/- (0.5% Rdg + 0.5 Pa)	0.1
0 - 5000	+/- (1% Rdg + 10 Pa)	+/- (0.5% Rdg + 5 Pa)	1

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

➔ MAIN FEATURES

- Up to 128 programs with 3 different modes: Program, Group (Program sequencing) and Batch (Statistics analysis)
- Fully integrated electronics and pneumatics
- Integrated screenshot capture and export capabilities
- Numerical and graphical data visualization interface
- Flexible parts testing capability
- Rapid part filling for a wide volume range, from few milliliters to several hundred liters
- Local result history with default archiving
- Multilingual user interface

➔ TEST MODES

- Differential leak test
- Pressure decay leak test
- Sealed part leak test
- Volume test
- Blockage test

➔ FLEXIBLE COMMUNICATION FORMAT

- Ethernet: Modbus TCP/IP, Results server
- Master USB: Parameters and results transfer
- Slave USB: PC supervision
- RS232: printer, modbus RTU
- Option Fieldbus: Profinet, Ethernet/IP

➔ OPTIONS & ACCESSORIES

- 9 inputs / 5 local outputs
- 6 inputs/ 6 outputs 24 V programmable for external automation
- Electronic regulator
- Dual pressure
- 2 pneumatic outputs for control of sealing connectors
- Y valve
- Leak calibrator (CDF7000)
- Master leak
- Pneumatic connectors
- PLC Tool Box
- Barcode reader



We are also committed to sustainability reducing energy use, limiting waste, electrifying our fleet, and offering eco-friendly products.



ATEQ

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➔ TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Dimensions	Weight: 8 kg (17.63 lbs) (Height x Depth x Width) Case dimensions: 134 x 273 x 442 mm Overall dimensions: 146 x 356 x 442 mm
Interface	User friendly interface: 7" touchscreen and intuitive menu-driven operator controls
Electrical supply	24VDC/2.5A (power adapter provided)
Air supply	6 bar (87 PSI) ± 15% 1 to 2 bar above 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
Environment	ROHS standard

