D620
HIGH SPEED COMPACT FLOW TESTER

After 40 years, and 150,000 testers installed in more than 5,000 customers worldwide, ATEQ presents its revolutionnary flow tester: D620.

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

And yet, inside can be found the latest leak testing technics and technology that will garantee you the fastest and most accurate leak testing cycle on the market.

Highlights

→ LARGE COLOR DISPLAY
→ MAXIMUM PERFORMANCE
→ MULTIPLE COMMUNICATION

Applications

FLOW CONTROL
cookers, ovens, valve, gas taps, gas burners, lighters...

LEAK DETECTION
Valve seats, gear boxes, hydraulic components, motors,,,

CONTROL
of aerosols, injectors...

.|ATEQ

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Measurement ranges

FLOW MEASUREMENT		
Range	Accuracy	Max. resolution L/h
1 l/h	±(2.5% F+0,001 l/h)	0.001
5 l/h	±(2.5% F+0,005 l/h)	0.001
30 l/h	±(2.5% F+0,03 l/h)	0.01
80 l/h	±(2.5% F+0,08 l/h)	0.01
150 l/h	±(2.5% F+0,15 l/h)	0.1
500 l/h	±(2.5% F+0,5 l/h)	0.1
1.500 l/h	±(2.5% F+1,5 l/h)	1
4.000 l/h	±(2.5% F+4 l/h)	1
10.000 l/h	±(2.5% F+10 l/h)	1

F = Flow

Main features

- Flow measurement in direct or indirect testing
- Continuous measuring mode
- Wide flow measurement range
- USA, S.I. and customer units
- Measurement in standard or customised conditions
- Recalculated flow at the nominal pressure
- Measurement element fully integrated into one module
- 128 programs
- Mechanical or electronic regulator from vacuum to 10 bar
- 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

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, Modbus RTU

Additional:
Time & date, language & units choice, test customisation & more…

Technical Specifications

Physical	Weight: 7 Kg Dimensions: (WxHxD) 250x150x360 mm
Interface	Graphic color screen with simple and intuitive menu-driven operator controls SMARTKEY: programmable key with user's functions
External electrical supply	Voltage: 24 V DC / 1.6 A Mains adapter included (110-230 V AC)
Air supply	Clean and dry air required Air quality standard to be applied (ISO 8573-1)
Temperature	Operating: 0°C à +45°C Storage: 0°C à +60°C

Option

- 9 inputs / 5 local outputs compatible with 5 series instruments
- 6 inputs/ 6 outputs 24 V programmable for external automation
- External capillary: closed to test port
- Electronic regulator
- Double capillary
- Shut off / dumping / by-pass valve
- 2 pneumatic outputs for control of sealing connectors
- Memory card for archiving results (1 millions)

Accessories

- Simple remote control TLC 60 connexion I/O
- Advanced remote control TLC 600 connexion master USB
- USB key for parameters access
- Y valve
- WinAteq 300 software
- Leak calibrator
- Master jets
- Vacuum pump
- Sealing connectors
  Please refer to ATEQ accessories list

D670
19'' 3U Case

Master jet

Pneumatic coupler

TLC 600
Remote control

TLC 60
Remote control