

We test, You produce.

D620

HIGH SPEED COMPACT FLOW TESTER

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

The D620 has a new electronic module, new measurement module, new interface, and new accessories to guarantee you the fastest and most accurate flow testing cycle on the market.

Highlights

- LARGE COLOR DISPLAY
- MAXIMUM PERFORMANCE
- MULTIPLE COMMUNICATIONS



Applications



FLOW CONTROL

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



LEAK DETECTION

valves, gear boxes, hydraulic components, motors...



CONTROL

aerosols, injectors...

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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
- Time & date, language & units choice, test customization & more...

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

Technical Specifications

Physical

Physical Weight: 7 Kg
Dimensions: (WxHxD) 250x150x360 mm

Interface

Graphic color screen with simple and intuitive menu-driven operator controls
SMART KEY: programmable key with user's functions

External

Voltage: 24 V DC / 1.6 A

Electrical Supply

Main adapter included (110-230 V AC)

Air Supply

Clean and dry air
Air quality standard to be applied (ISO 8573-1)

Temperature

Operating: + 5°C at + 45°C
Storage: 0°C at + 60°C

Options

- 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 / bypass valve
- 2 pneumatic outputs for control of sealing connectors
- Memory card for archiving results (1 million)

Accessories

- Simple remote control TLC 60 connection I/O
- Advanced remote control TLC 600 connection master USB
- USB key for parameters access
- Y valve
- WinATEQ 300 software
- Leak calibrator
- Master jets
- Vacuum pump
- Sealing connectors



D670 19" 3U Case



Pneumatic coupler



Master Jet



Remote Control

ATEQ