# 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...



# HIGH SPEED COMPACT FLOW TESTER

### Measurement Ranges

| 6-4-4      | A 2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/ | A4                  |
|------------|--|---------------------|
| Range      | Accuracy                                 | Max. resolution L/h |
| 1 l/h      | ± (2.5% F + 0,001 I/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 I/h)                     | 0.1                 |
| 1.500 l/h  | ± (2.5% F + 1,5 l/h)                     | 1                   |
| 4.000 l/h  | ± (2.5% F + 4 I/h)                       | 1                   |
| 10.000 l/h | ± (2.5% F + 10 I/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**

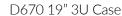
- Simple remote control TLC 60 connection I/O
- Advanced remote control TLC 600 connection master USB
- USB key for parameters access
- Y valve
- WinATEQ 300 software
- Leak calibrator
- Master jets
- Vacuum pump
- Sealing connectors



Remote Control









Pneumatic coupler



Master Jet