

# We test, You produce

## D28+

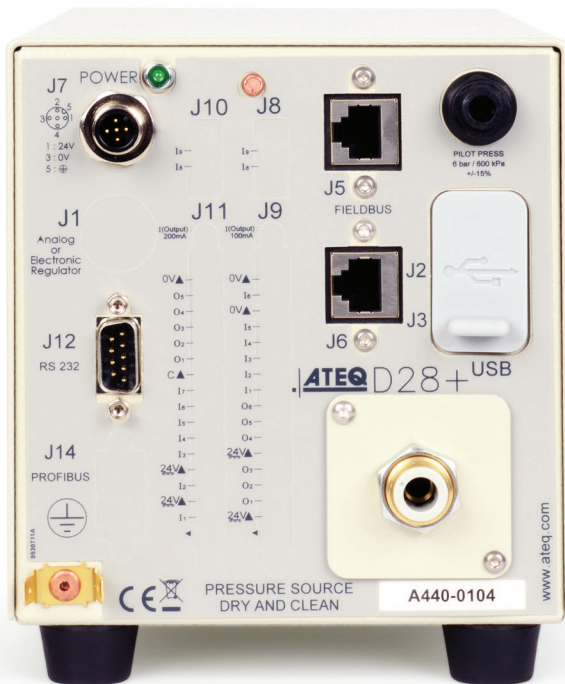
### HIGH SPEED COMPACT FLOW TESTER

**D28+**: The new innovative tester, made by ATEQ, elevates the flow test to a whole new level of speed, flexibility and accuracy. You can easily supervise it with a touch-screen panel + our user friendly interface: **Winateq 300**.

Adapted for manual, semi-automatic and full automated leak testing, the **D28+** has a full range of specifications at a very competitive price.

#### Highlights

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



#### Applications



##### FLOW CONTROL

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



##### LEAK DETECTION

Valve seats, gear boxes, hydraulic components, motors...



##### CONTROL

of aerosols, injectors...



# D28+

## HIGH SPEED COMPACT FLOW TESTER

### Measurement ranges

FLOW MEASUREMENT		
Range l/h	Accuracy	Max. resolution l/h
1	±(2.5%F + 0.001l/h)	0.0001
5	±(2.5%F + 0.005l/h)	0.0001
30	±(2.5%F + 0.03l/h)	0.001
80	±(2.5%F + 0.08l/h)	0.001
150	±(2.5%F + 0.15l/h)	0.01
500	±(2.5%F + 0.5l/h)	0.01
1.500	±(2.5%F + 1.5l/h)	0.1
4.000	±(2.5%F + 4l/h)	0.1
10.000	±(2.5%F + 10l/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
- Setting on line (via USB)
- 2 languages (English + other one)
- 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

### D28+ WINATEQ 300 Interface



### Technical Specifications

#### Physical

Weight: About 6kg (13.13 lb)

#### External electrical 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, needs an external regulator

#### Temperature

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

### Option

- 9 inputs / 5 local outputs
- 6 inputs/ 6 outputs 24 V programmable for external automation
- 2 pneumatic outputs for control of sealing connectors
- Memory card for archiving results

### 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
- External mechanical regulator (spare part) from vacuum to 10 bar
- Shut Off / Dumping / Bypass valve (external spare parts)



TLC 60  
Remote control



TLC 600  
Remote control

