D28+

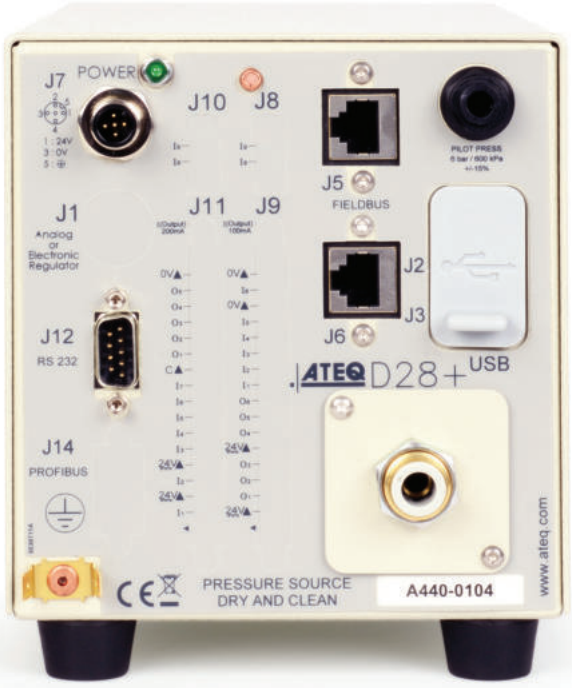
HIGH SPEED COMPACT FLOW TESTER

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 fulled automated leak testing, the D28+ has a full range of specifications at a very competititve 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...

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Measurement ranges

FLOW MEASUREMENT		
Range l/h	Accuracy	Max. resolution l/h
1	±(2.5%F + 0.001 l/h)	0.0001
5	±(2.5%F + 0.005 l/h)	0.0001
30	±(2.5%F + 0.03 l/h)	0.001
80	±(2.5%F + 0.08 l/h)	0.001
150	±(2.5%F + 0.15 l/h)	0.01
500	±(2.5%F + 0.5 l/h)	0.01
1.500	±(2.5%F + 1.5 l/h)	0.1
4.000	±(2.5%F + 4 l/h)	0.1
10.000	±(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
- 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

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

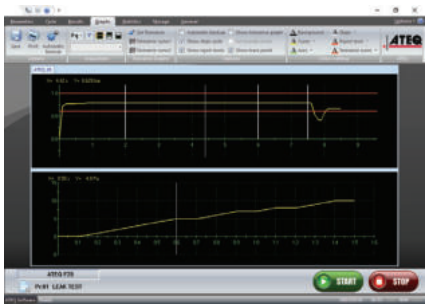
Option

- 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)

D28+ WINATEQ 300 Interface



TLC 600
Remote control

TLC 60
Remote control

Specifications subjects to change without notice, non-contractual photos. October 2024.

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