

We test, You produce

D520

HIGH SPEED COMPACT FLOW TESTER

Without a doubt the smallest high-performance leak detector on the market. Specially adapted for automatic or semi-automatic test machines, the D520 has a full range of specifications at a very competitive price.

Highlights

COMPACT FORMAT
OPTIMISED MEASUREMENT
EASY SET-UP



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 | 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 |
| PRESSURE MEASUREMENT | | |
| Range | Accuracy | Maximum resolution |
| F.S. = 75 mbar* | ±(1.5% of P + 0.2 hPa) | 0.1% of the full scale |
| F.S. < 0.3 bar | ±(1.5% of P + 1 hPa) | |
| 0.3 ≤ F.S. ≤ 1 bar | ±(1.5% of P + 3 hPa) | |
| 1 < F.S. ≤ 5 bar | ±(1.5% of P + 7.5 hPa) | |
| Mechanical pressure regulator | | |
| -600 to -10 kPa / 0.8 to 6 kPa / 0.5 to 14 kPa / 6 to 100 kPa / 5 to 210 kPa / 10 to 350 kPa | | |

* relative . F.S = Full scale - F = Flow - P = pressure

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
- 32 programs

Flexible communication format

- RS232 : printer, P.C. and parameter storage module
- RS232 : intelligent RC5 remote display
- RS485 : ATEQ network

Additional:

Time & date, language & units choice, test customisation & more...

MASTER JET



PNEUMATIC COUPLER



Technical specifications

| | |
|-----------------------------------|--|
| Physical | Weight: approximately 7 kg / 14 lbs |
| Interface | Navigation keys 4-line vacuum fluorescent display Results indicator lights |
| External electrical supply | Voltage: 24 V DC / 1.6A Main adapter included (110 - 240 V AC) |
| Air supply | Clean and dry air required air quality standard to be applied (ISO 8573-1) |
| Temperature | Operating: +10°C to +45°C Storage: 0°C à +60°C |

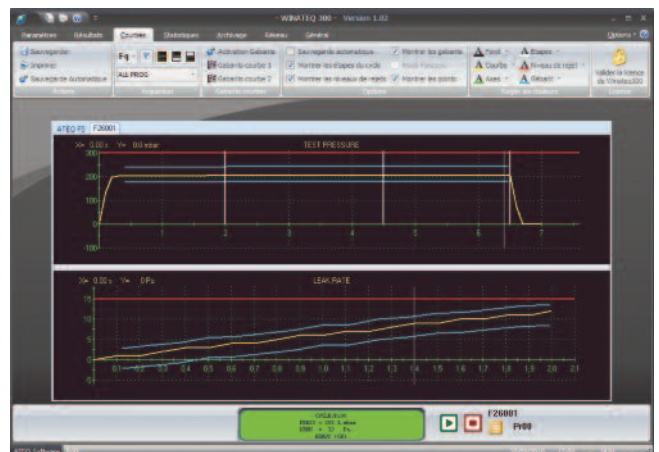
Options

- 7 inputs / 5 outputs
- 2 pneumatic outputs for control of sealing connectors
- 6 x 24 V programmable outputs for external connection
- 2 analogue outputs: current or voltage
- Double capillary
- High precision mode
- Shut off valve / dumping / By pass

Accessories

- Start/Reset remote control
 - Intelligent RC5 remote display
 - Printer
 - Parameter storage modules
 - ATEQ software (WINATEQ - S5 DEMO)
 - Needle valve
 - Master jet
 - Filtration kit
 - Vacuum pump
 - Sealing connectors
- Please refer to ATEQ accessories list

SOFTWARE



ATEQ

