



PREMIER D high speed compact flow tester



- NEW COMPACT FORMAT
- OPTIMISED MEASUREMENT
- ASSEMBLED IN THE USA COMPETITIVELY PRICED
- EASY SET-UP

5 SERIES

Why should a flow test slow you down?

A high speed quality flow tester is now affordable.

Why should you accept to sacrifice the quality of your measurement for test speed? With the PREMIER D maybe you shouldn't...



Main Features

- Continuous measuring mode
- Temperature compensation
- USA, S.I. and customer units
- Measurement in standard or customized conditions
- Recalculated flow at the nominal pressure (pressure compensation)
- Measurement element fully integrated into one module
- 16 programs
- **Serial links:**
 - RS232: printer, P.C. and parameter storage module
 - RS232: intelligent remote control RC5
 - RS485: ATEQ network
- **And:**
 - Time and date display, choice of languages and units, customisation of tests for your requirements...



Applications



Flow control: cookers, ovens, valve, gas taps, gas burners, lighters

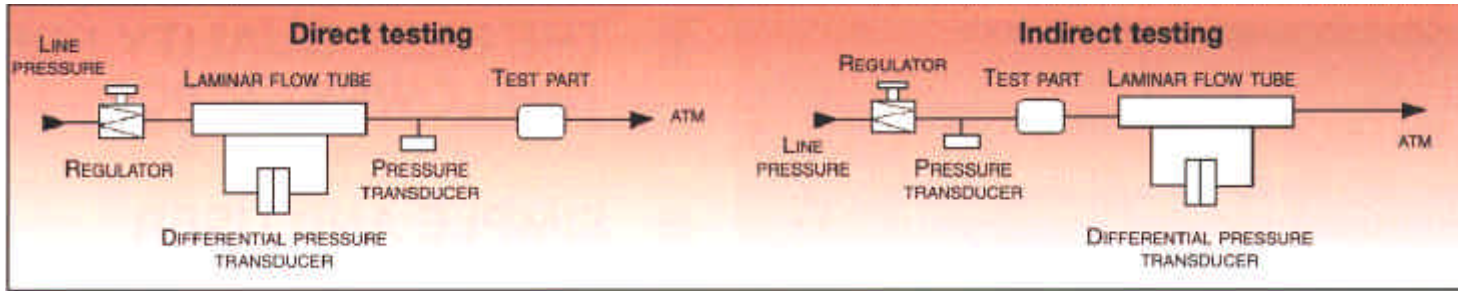
Leak detection: valve seats, gear boxes, hydraulic components, motors...

Control of aerosols, injectors...

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

Principle of measurement

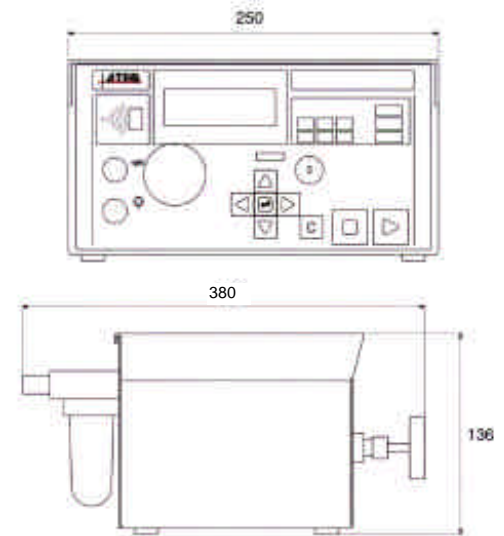


Measurement ranges

FLOW MEASUREMENT		
RANGE		
5 l/h	-	-
30 l/h	-	-
150 l/h	-	-
500 l/h	-	-
1 500 l/h	-	-
4 000 l/h	-	-
10 000 l/h	-	-

PRESSURE MEASUREMENT		
RANGE	(P: Pressure)	RESOLUTION
All ranges	1% P + 2 digits	0,1% of full scale

MECHANICAL PRESSURE REGULATOR
 -20 - 80 kPa / 0.8 - 6 kPa / 0.5 - 14 kPa /
 10 - 200 kPa / 40 - 400 kPa / 80 - 600 kPa



Technical specifications

- **Physical**
Weight: approximately 7 kg/14lbs
- **Interface**
Navigation keys
4-line vacuum fluorescent display
Results indicator lights
- **Electrical supply**
Voltage: 115 V AC / 0.5 A
in standard
- **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 to + 60°C

Accessories

- Start/Reset remote control
- Intelligent remote control RC5
- 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



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