

We test, You produce

F405

COMPACT LEAK DETECTOR FOR PRODUCTION TESTING

Associated with the remote control RC6 mini, the F405 is an entry level leak detector allows basic leak testing at a very competitive price.

Highlights

- LOW COST INSTRUMENT
- COMPACT FORMAT
- SIMPLIFIED SETUP



Applications

AUTOMOTIVE

Shock absorbers, gearboxes, tank caps, carburettors, non return valves, cylinder heads, filters, radiators, seals, cylinders, engine oil and water circuits..



DOMESTIC APPLIANCES

Bottles, percolators, cookers, steam irons, ovens, washing machines...

MEDICAL

Catheters, dialysis equipment, micropipettes, plastic taps, drain bags, syringes, valves...



PACKAGING

Aerosol cans and valves, trigger pumps, ink cartridges, cosmetic bottles, food sachets...



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Measurement ranges

PRESSURE MEASUREMENT			
Range	Extent	Accuracy	Max. resolution
-800 > -20 mbar	1 > 500 Pa 10 > 1000 Pa 10 > 5000 Pa 10 > 10000 Pa	4% of the pressure read	1 Pa
50 > 500 mbar	1 > 500 Pa 10 > 1000 Pa 10 > 5000 Pa 10 > 10000 Pa	4% of the pressure read	1 Pa
0.2 > 5 bar	10 > 1000 Pa 10 > 5000 Pa 10 > 10000 Pa 10 > 50000 Pa	4% of the pressure read	10 Pa
0.5 > 10 bar	10 > 5000 Pa 10 > 10000 Pa 10 > 50000 Pa 10 > 100000 Pa	4% of the pressure read	10 Pa

Optional mechanical pressure regulator
(Mounted outside of the instrument) Vacuum, 500 mbar, 5 bar, 9 bar

Main features

- Pressure decay leak testing
- Wide range of measurement from 500 Pa to 100 kPa
- Test modes:
DP (Pa, 1/10 Pa)
DP / Dt (Pa/s, 1/10 Pa/s)
flow units (mm³/s, cm³/s, cm³/min, cm³/h)
blockage test and others depending
- 8 programs
- 5 inputs / 4 outputs
- Fixation on DIN rail

Flexible communication format

- RS232: Printer, P.C. and memory modules

Additional:

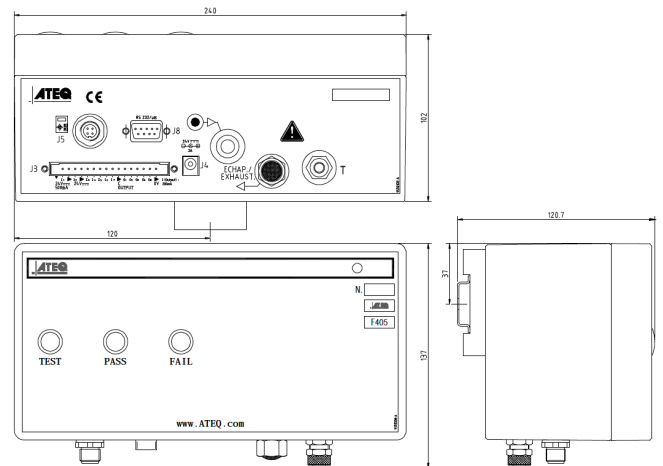
Choice of languages and units, customisation of the test, ...

Remote Control RC6 mini
to program one or several F405



Technical Specifications

Physical	Weight: 5 Kg Dimensions: (WxHxD) 240x137x120.7 mm Case ABS
Interface	Results display (Good part - cycle in progress Bad part)
External electrical supply	24 VDC/1.25A or 100-240 VAC/50W
Air supply	Clean and dry air required Air quality standard to be applied (ISO 8573-1)
Temperature	Operating: +0°C to +45°C (+32 °F to 113 °F) Storage: 0°C to +60°C (32 °F to 140 °F)



Option

- Pneumatical Kit (mechanical regulator - manometer pipe cutter - tube - couplings...)

Accessories

- Remote controle RC6 mini
 - Printer
 - Needle valve
 - Leak master
 - Filtration kit
 - Sealing connectors
- Please refer to ATEQ accessories list

