

# 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...



# F405

## COMPACT LEAK DETECTOR FOR PRODUCTION TESTING

### Measurement ranges

FLOW MEASUREMENT			
Range l/h	Extent	Accuracy	Max. resolution l/h
-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 (mm<sup>3</sup>/s, cm<sup>3</sup>/s, cm<sup>3</sup>/min, cm<sup>3</sup>/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:

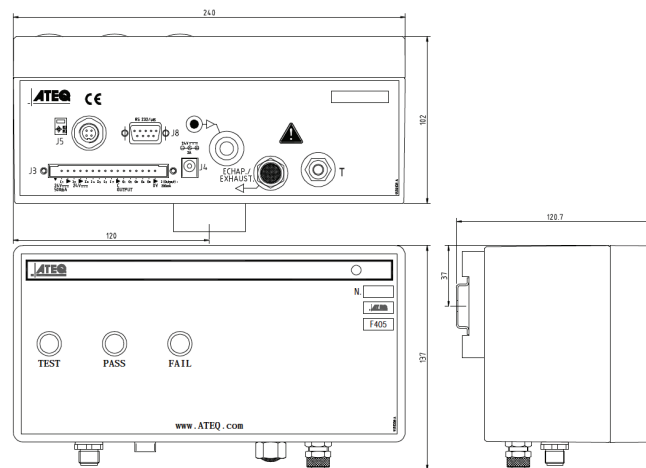
Choice of languages and units, customisation of the test, ...

Remote Control RC6 mini  
to program one or several F405



### Technical Specifications

<b>Physical</b>	Weight: 5 Kg Dimensions: (WxHxD) 240x137x120.7 mm Case ABS
<b>Interface</b>	Results display (Good part - cycle in progress Bad part)
<b>External electrical supply</b>	24 VDC/1.25A or 100-240 VAC/50W
<b>Air supply</b>	Clean and dry air required Air quality standard to be applied (ISO 8573-1)
<b>Temperature</b>	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

