

## FCO750 PRESSURE DECAY LEAK DETECTOR

Designed around an advanced and flexible microcontroller, the FCO750 offers an enhanced user interface, high resolution graphical display, multi tasking capability and enhanced communications. Supplied as standard to the following specification:

- 240x64 pixel high resolution blue display with multiple display types
- 16 x 24volt active high programmable outputs
- 12 programmable electrical inputs
- Logical user interface
- 5 programmable pneumatic outputs
- 300 tests/products
- Sequence and test data "product" identification
- RS232 Communications; Optional Local Area Network port
- Front panel mounted USB port
- Manual pressure regulator
- Test variants include Blockage, coarse, ramp, dump and leak test
- MEWS (Maintenance Early Warning System)
- High resolution display on both pressure and leak
- Selectable display views
- 2 front panel programmable function buttons
- Front panel mounted calibration port

### Test Pressure Range

- 99.9 mbar to 99.9 mbar
- 200 mbar to 200 mbar
- 999 mbar to 999 mbar
- 1 bar to 4 bar
- 1 bar to 8 bar
- 1 bar to 14 bar
- 1 bar to 30 bar (Do not use with 200 Pa option)
- 1 bar to 9.99 bar

### Language

- English
- French
- German
- Italian
- Spanish
- Polish
- Czech

### AC Power Supply

- None
- UK 3-pin
- European 2-pin
- USA 2-pin

### Main Pressure Regulator

- None
- Manual pressure regulator 100 mbar
- Manual pressure regulator 0.5 bar
- Manual pressure regulator 2 bar
- Manual pressure regulator 4 bar
- Manual pressure regulator 8 bar
- Manual pressure regulator 14 bar
- Manual pressure regulator 28 bar (Only with "Second Pressure Regulator None")
- Manual vacuum regulator -800 mbar (Only with "Second Pressure Regulator None")
- Manual venturi vacuum pump -800 mbar (5 programmable pneumatic outputs required)

Automatic regulator 1 bar  
Automatic regulator 10 bar  
Automatic regulator -0.8 bar to +10 bar (5 programmable pneumatic outputs required)  
Automatic Regulator 200 mbar  
Automatic Regulator 400 bar  
Automatic Regulator 1 bar  
Automatic Regulator 4 bar  
Automatic Regulator 14 bar  
Automatic Regulator 30 bar  
Automatic Regulator +/-200 mbar (5 programmable pneumatic outputs Req'd)  
Automatic Regulator +/-400 mbar (5 programmable pneumatic outputs Req'd)  
Automatic Regulator -0.8 to +1 bar (5 programmable pneumatic outputs Req'd)  
Automatic Regulator -0.8 to +4 bar (5 programmable pneumatic outputs Req'd)  
Automatic Regulator -0.8 to +14 bar (5 programmable pneumatic outputs Req'd)  
Automatic Regulator -0.8 to +30 bar (5 programmable pneumatic outputs Req'd)

### Case Style

Bench top case

19" rack mounting kit

### Leak Range

200 Pa (Do not use with -1 bar to 30 bar option)

2 kPa

20 kPa

### I/O Configuration

Standard 12 inputs / 16 outputs

Enhanced 24 inputs / 32 outputs

Standard 12 inputs / 16 outputs + USB datalogger

Enhanced 24 inputs / 32 outputs + USB datalogger

### Communications Interface

RS232

RS232 + RS485

RS232 + RS485 + LAN

### Remote Controller

None

Remote start/reset unit

Remote Control with BCD I/P (99 test)

### Firmware

X750A - standard

Special (specify version code)

### Calibration

Standard calibration

UKAS calibration

### Programmable Pneumatic Pilot Outputs

2 programmable pneumatic outputs

5 programmable pneumatic outputs

(5 programmable pneumatic outputs needed with auto-reg or second regulator)

### Filter Kit

No airline filter kit

2-stage airline filter kit (supplied loose)

### Second Pressure Regulator

None

Manual pressure regulator 100 mbar (5 programmable pneumatic outputs required)

Manual pressure regulator 0.5 bar (5 programmable pneumatic outputs required)

Manual pressure regulator 2 bar (5 programmable pneumatic outputs required)

Manual pressure regulator 4 bar (5 programmable pneumatic outputs required)

Manual pressure regulator 8 bar (5 programmable pneumatic outputs required)

Manual pressure regulator 14 bar (5 programmable pneumatic outputs required)

Not available

Manual vacuum regulator -800 mbar (5 programmable pneumatic outputs required)

**Analogue Output**

None

Analogue output - 5v

Analogue output - 10v

Alternative test port connections

(4mm o/d, 8mm o/d or 6mm compression)

Dual reg using "2 programmable pneumatic outputs" option. (only "No airline filter kit" available on rear)