

# Low Pressure Handheld Manometer



- Accuracy 1% of reading
- Pressure measurement from 0.1Pa to 10KPa
- Easy conversion from pressure to velocity
- User selectable units on large liquid crystal display

The FCO10 is a battery operated multi-purpose electronic manometer, providing a practical way of measuring differential pressure and airflow.

Differential pressure can be displayed in Pascals, mmH<sub>2</sub>O or inches H<sub>2</sub>O. The front panel chart shows the conversion from Pascals to m/s for a standard pitot static tube at 20°C and atmospheric pressure.

A separate three position switch selects, off, on or damped, which provides a 1.1 second damping time to ensure reliable readings under turbulent conditions.

## Features

5 models available from ±199.9Pa to ±10kPa	Model 1	±199.9Pa
	Model 2	±1999Pa
	Model 3	±10kPa
	Model 4	±500Pa
	Model 5	±5kPa
Engineering Units	Most commonly used differential pressure	
Damping	1.1 seconds	
Display	3.5 digit LCD	
Pneumatic Ports	Fishtail for 6mm OD x 4mm ID, for flexible tubing	

## Performance

Accuracy	±1% of reading (±0.5% for C.Z.)
Repeatability	±1%
Overload	25 x DP range
Static Pressure	Moderate vacuum to 2bar Gauge
Battery Life	Up to 80 hours

## Construction

Enclosure	Robust ABS Plastic
Dimensions	169(h) x 80(w) x 39(d) mm
Battery	PP3 alkaline type
Weight	0.5kg

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*Furness Controls has a UKAS  
 accredited laboratory which offers  
 pressure calibration from  
 0 to 40 kPa and flow calibration  
 from 0.1 ml/min to 2000 litres/min*

