

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, mmH₂O or inches H₂O. 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 second damping time to ensure reliable readings under turbulent conditions.

Features

5 models available from $\pm 199.9\text{Pa}$ to $\pm 10\text{kPa}$	Model 1	$\pm 199.9\text{Pa}$
	Model 2	$\pm 1999\text{Pa}$
	Model 3	$\pm 10\text{kPa}$
	Model 4	$\pm 500\text{Pa}$
	Model 5	$\pm 5\text{kPa}$
Damping	1 second	
Display	3.5 digit LCD	
Pneumatic Ports	Fishtail for 6mm OD x 4mm ID, for flexible tubing	

Performance

Accuracy	$\pm 1\%$ of reading
Repeatability	$\pm 1\%$
Overload	25 x DP range
Static Pressure	-0.8 bar to 2 bar
Battery Life	Up to 80 hours

Construction

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

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Furness Controls has a UKAS
 accredited laboratory which offers
 pressure calibration from
 0 to 4 MPa and flow calibration
 from 0.1 ml/min to 2000 litres/min



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