

# Pressure Supply



- Stable differential pressure generation
- Quick equalise check valve
- Quiet Operation
- Small and light weight
- Storage/carry case available

The FCO502 Pressure Supply Unit is a self contained pressure source, designed to generate a stable differential pressure for calibration, typically with the Furness Controls PPC500 Pressure Calibrator.

The FCO502 has an internal pressure pump supplying a constant flow to the pressure adjust valve allowing pressure to be set from 0.5% to 100% of range. The equalising valve allows the pressure to be equalised without disturbing the pressure setting.

The FCO502 is available in 2 models covering 10 Pa to 20 kPa

## Features

Models/Ranges	Model 1: 2 kPa (10 Pa to 2 kPa) Model 2: 20 kPa (100 Pa to 20 kPa)
Stability	±0.15% (0.5% to 100% of Range)
Pneumatic Ports	6 mm OD x 4 mm ID Push-on With Lock Nut
Supply Voltage	12 VDC (Universal input PSU Supplied with Instrument)
Power Rating	2.4 VA

## Performance

Working Temperature	5 – 45°C
Storage Temperature	-20 – 70°C
Working Medium	Ambient Atmospheric Air
Humidity	30% to 80% non condensing
Static Pressure	Model 1: typically 1 kPa Model 2: typically 4 kPa

## Construction

Enclosure	ABS
Dimensions	148 x 71 x 210 mm
Weight	1.2 kg

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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

