



7090 Pressure & Vacuum Calibration Pump

A pressure and vacuum calibration pump that combines performance with rugged design. Suitable for pneumatic calibration up to 35 bar.

- **Pressure to 35 bar (500psi)**
- **Vacuum to -850mbar (26”Hg)**
- **Three output ports**
- **Adjustable Volume chamber**
- **Optional digital pressure gauge**

The pump incorporates two 1/8” BSP output ports, and a 1/4” BSP gauge port. Volume chamber piston is adjustable with a fine thread control. The handle rotates to suit user requirements. An optional digital pressure gauge can be fitted to provide accurate indication of the generated pressure. The pump, gauge and accessories are supplied in a robust padded carry case.

SPECIFICATION:

PRESSURE / VACUUM SELECT

A Up/Down plunger that selects pressure or vacuum as required.

VOLUME CHAMBER

Volume is adjustable using a screw control and provides fine adjustment of the pressure or vacuum. A position indicator shows fully closed, central, fully open .

PRESSURE RELEASE VALVE

This valve provides controlled pressure venting.

GAUGE PORT

A single 1/4” BSP x 14.5mm depth port on the top of the pump allows mounting of a gauge indicator, or other fitting.

SIDE PORTS

Two 1/8” BSP x 7.9mm depth ports allow for separate connectors on either side of the pump. The unit is supplied with one port sealed by a removable plug.

HANDLE ROTATION

The handle is easily rotated to suit the application, for example 90° clockwise allows for pumping with the pump flat on the bench. Other positions may suit gauge position or difficult access to equipment under test.

ACCESSORIES

The pump is supplied with a range of connectors, hose and elbows.

CARRY CASE

A robust padded ABS carry case houses the pump, gauge, accessories and operator manual.

DIMENSIONS

Pump : L245 x W90 x D50 mm (L9.5 x W3.5 x D2.0 in) Weight 820 grams (2 lb).

Carry Case : L320 x W320 x D80 mm (L12.5 x W12.5 x D3.2 in)

OPTIONAL PRESSURE GAUGE (Order code 7089)

Range -1 to 35Bar. Accuracy 0.2%. Peak mode to detect peaks/troughs. Selectable units: Bar, PSI, mBar, KPa, MPa. Operating temperature range of 0 to 50 degC.

Dia76 x H118 x D42 mm (Dia3.0 x H4.7 x D1.7 in) Weight 210 grams (0.5 lb)

