



- **Pressure to 40bar (600psi)**
- **Vacuum to -950mbar**
- **Oversized check valve – smooth operation**
- **Non-oil based lubricant on all moving parts**
- **Contoured cushioned handles**
- **Protective caging for vent valve**
- **Hoses, fittings, and carry case included**
- **Optional digital gauges**

### DESCRIPTION

The 7090 is a pressure and vacuum calibration hand pump that combines performance with rugged design. It is designed for arduous use in the field or as a pressure and vacuum source in test facilities. It is ideal for checking the calibration of gauges, pressure switches, transmitters, and recorders.

The large comfortable handles with grips moulded into the design make it easy to control the instrument whilst pumping up to pressure. Features include protective caging for the vent valve guarding against accidental damage, and dual o-rings on all pistons to ensure zero leakage. The 7090 is supplied as a kit with 1 meter of 6/4mm hose, a selection of 5 fittings, carry case, and user manual. Optional digital pressure gauges are available, including the 7091 covering vacuum to 40bar, with 0.2% of full scale accuracy.

### SPECIFICATIONS

Range .....	Vacuum - 950mbar to pressure 40bar (600psi)
Compatibility .....	All gauges and calibrators
Connections .....	(2 ports) 1/4 inch and 1/8 inch NPT/BSP
Hoses .....	1 meter 6/4mm hose
Dimensions .....	W125mm (handle to handle) x H200mm
Weight .....	910g (2lbs)
Options .....	7091 and 7078 digital gauges
Supplied with .....	1 meter of 6/4mm hose, 5 fittings, carry case, and user manual



7091 Digital Gauge

### ORDERING INFORMATION

<b>7090</b> .....	<b>Pneumatic Calibration Pump: Vacuum 950mbar to pressure 40bar</b>
7091 .....	Digital Pressure Gauge (Vacuum to 40bar, 0.2% Accuracy)
7078 .....	Auto Ranging Digital Gauge (Vacuum to 200bar, 0.1% Accuracy)

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.