



**GE Druck**

## **PV 210**

### Low Pressure Pneumatic Hand Pump

The **PV 210** low pressure pneumatic hand pump is fully portable, easy to use and generates pneumatic pressures in excess of 3000 mbar. It is an ideal tool for calibration checks on pressure transmitters, pressure switches, indicators, recorders and controllers.

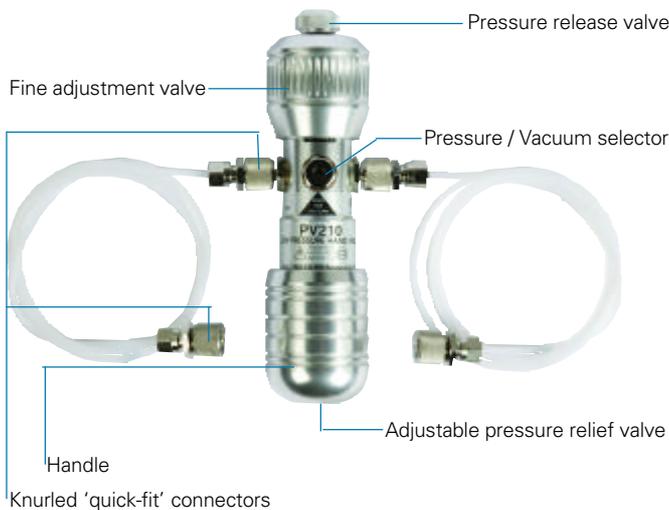
The PV 210 can be used as a portable pressure comparator in conjunction with various pressure indicating devices. This precision unit includes a unique user adjustable pressure relief setting, enabling setting of maximum pressure.

- Dual source of pneumatic pressure and vacuum
- Generate vacuum to 90%
- Generate pressure to 3000 mbar
- Adjustable pressure relief valve for setting maximum output pressure
- Integral fine control and pressure release valve
- Lightweight, handheld, easy to use



# PV 210

## Low Pressure Pneumatic Hand Pump



### STANDARD SPECIFICATIONS

**Output pressure**  
0 to 3000 mbar

**Output vacuum**  
90% (0 to - 900 mbar)

**Pressure media**  
Most common gases

**Pressure connections**  
Two flexible hoses with two Quick-fit 1/4" BSP female adaptors which are supplied with PV 210 as standard

**Pressure relief adjustment**  
50 mbar to maximum output pressure

**Adjustment**  
Fine volumetric pressure/vacuum adjuster with 0.1 mbar sensitivity

**Physical**  
587 grams  
L 170mm x W/dia 46mm approx.

### TEST KIT

Complete test kits can be ordered as individual items, as below

**PV 210-P:** Pneumatic test kit includes:

**PV 210:** Pneumatic hand pump and manual

**PV 210-TC:** Rigid lightweight transit case for the PV 210; cases are supplied with foam inserts and a nylon seal kit. The foam has cut-outs to accommodate specific GE Druck reference instruments.

**PV-BSP-QF:** A set of brass nickel plated Quick-fit BSP test point adaptors:

- Quick-fit to 1/8, 1/4, 3/8, and 1/2 BSP (female)
- Quick-fit to 1/4 and 1/8 BSP (male)
- 1/4 BSP (male) to 1/4 and 1/8 BSP (male)

### ACCESSORIES

In addition the following items can be ordered as accessories/spares  
**PV-NPT-QF:** A set of stainless steel Quick-fit NPT test point adaptors:

- Quick-fit to 1/8, 1/4, 3/8, and 1/2 NPT (female)
- Quick-fit to 1/4 and 1/8 NPT (male)
- 1/4 BSP (male) to 1/4 and 1/8 NPT (male)

### REFERENCE INSTRUMENTS

#### DPI 800 Series

0.05% FS (over 0 to 50 °C and for 1 year)  
22 pressure ranges gauge/diff and absolute  
Single or dual internal sensors  
Ranges from 25 mbar to 1000 bar  
Optional 0.01% FS accuracy



#### DPI 705 Reference Pressure Indicator

Ranges from 70 mbar to 700 bar  
0.1% FS accuracy  
Rugged, lightweight handheld design  
Leak test, tare, max/min, filter, alarm  
°C and °F ambient temperature  
Intrinsically safe version available



#### DPI 103 Digital Test Gauge

Accuracy 0.2% FS  
5 ranges available between -1 to 1000 bar  
6 selectable pressure units  
All stainless steel (316) welded pressure cavity for wet and aggressive media  
Resolution 4½ digits



Please refer to product datasheets for further information and ordering codes.

### ORDERING INFORMATION

Please state the code numbers shown in bold type e.g. **PV 210-P**

**Continuing development sometimes necessitates specification changes without notice.**