



**GE Druck**

## **PV 212**

### Hydraulic High Pressure Hand Pump

The **PV 212** hydraulic hand pump is lightweight, easy to use and generates pressure up to 1000 bar. It is an ideal tool for calibrating pressure transmitters, pressure transducers, pressure switches and pressure gauges.

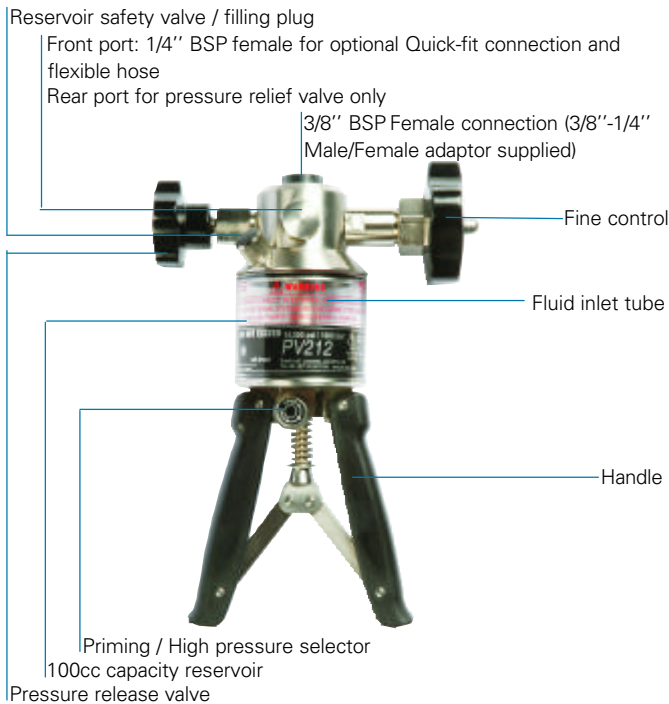
The PV 212 can be used as a portable pressure comparator in conjunction with various pressure indicating devices. It offers adjustable overpressure protection, fine control and a unique priming/high pressure selector switch.

- Hydraulic pressure up to 1000 bar
- Compatible with many different liquids
- Large transparent 100cc capacity reservoir
- Quick priming and pressure generation using scissor action pump
- Controlled pressure release and adjustment
- High pressure / priming selector



# PV 212

## Hydraulic High Pressure Hand Pump



### STANDARD SPECIFICATIONS

#### Pressure range

0 to 1000 bar maximum

#### Pressure media

Mineral based hydraulic oil, distilled water ('Skydrol' and brake fluid option available)

#### Pressure connections

3/8" BSP female, 1/4" BSP female (blanked off) Quick-fit connector to suit flexible hose. (see test kit options)

#### Physical

1.6kg  
L 236mm x W 176mm x D 70mm approx.

### TEST KIT

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

**PV 212-HP:** Hydraulic test kit includes:

**PV 212:** Hydraulic hand pump and manual.

**PV 212-TC:** Rigid lightweight transit case for the PV 212 and accessories, includes reservoir fill bottle and nylon seal kit. Cases are supplied closed cell foam inserts with cut outs to accommodate Specific GE Druck reference instruments.

**HK1-PV 212:** 1 meter length of high pressure self sealing flexible hose rated to 1000 bar with adaptors :

- 1/4" BSP (male) to hose self seal adaptor
- 1/4" BSP (female) to hose self seal adaptor
- 1/4" BSP (male) to 1/8" NPT (male) and 1/8" BSP (male)

**PV 212-BSP:** A set of stainless steel BSP test point adaptors:

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

### ACCESSORIES

**PV 212-NPT:** A set of stainless steel NPT test point adaptors:

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

**PRV 12-212 :** Pressure relief valves are ranged from 10 to 1000 bar. Please state required pressure range when order is placed.

PV 212 Pressure relief valve is simply screwed into the rear 1/4" BSP blanked off port which is reserved for this purpose. The valve can be supplied preset with the PV 212 or can be quickly retrofitted to existing units using simple installation instructions.

### 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

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 212-HP**

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

#### Ordering information

Cuthbertson Laird Group  
Oaktree House  
408 Oakwood Lane  
Leeds  
LS8 3LG  
Tel: 0113 235 1356  
Fax: 0113 235 1161

Visit our website at:  
<http://www.cuthbertsonlaird.co.uk>