

# The PV 621/G, 622/G and 623/G Pressure Stations

## Features

- A uniquely capable, re-rangeable and self contained pressure test system
- Advanced pressure generation
  - 95% vacuum to 20 bar (300 psi) pneumatic
  - 95% vacuum to 100 bar (1500 psi) pneumatic
  - 0 to 1000 bar (15000 psi) hydraulic
- Stand alone replacements for hand pumps
- Bench top use as comparators

There are three pressure generation stations: the PV 621/G, a pneumatic pressure generator for pressures 95% vacuum to 20 bar (300 psi); the PV 622/G, a pneumatic pressure generator for pressures 95% vacuum to 100 bar (1500 psi); and the PV 623/G, a hydraulic pressure generator for pressures up to 1000 bar (15000 psi). Each pressure station is designed for stand-alone operation as a pressure generator and can replace conventional hand pumps to provide greater efficiency and ease of use. They can also be used on the workbench as comparators.

Combining any of the pressure stations with a PM 620 pressure module and the DPI 620/G calibrator creates a uniquely capable, self-contained pressure calibrator.

## PV 621/G, 622/G and 623/G Specification

Maximum pressure	PV 621/G 20 bar (300 psi) pneumatic PV 622/G 100 bar (1500 psi) pneumatic PV 623/G 1000 bar (15000 psi) hydraulic
Pressure media	PV 621/G and PV 622/G non-corrosive gases, PV 623/G de-mineralized water or mineral oil (ISO viscosity grade < 22)
Operating temperature	-10° to 50°C (14° to 122°F) For water +4 to +50°C (39 to 122°F)
Storage temperature	-20 to 70°C (-4 to 158°F) (must be empty of water)
Shock and vibration	BS EN 61010:2001; Def stan 66-31, 8.4 cat III, 1 m drop tested
Pressure safety	Pressure equipment directive class SEP
Size and weight	450 mm x 280 mm x 235 mm, PV 621/G 2.65 kg, PV 622/G 3.30 kg, PV 623/G 3.75 kg



PV 622G