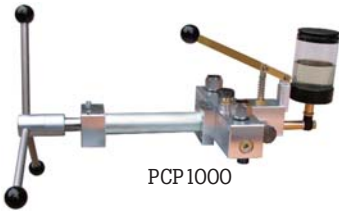


PCP series

Pressure Comparators



Pressure comparison pumps are used for generating pressure for the testing, adjusting and calibrating mechanical and electronic instruments by means of comparison. The pressure tests can be carried out in laboratories, work shop or on site. PCP series are equipped with a fine adjustable screw type press which enable the easy reach of the desired pressure test point up to 1600 bar and an innovative priming pump to ease the generation of pressure even in large volume. PCP series can be supplied with master reference gauge such as P200, P100 or G10 series to make a complete calibration system. Semi-automatic test routine can be created when using P200 or P100 with the optional CalPman software which allows an on-line calibration procedure.

The PCP series features:

- Pressure range to 1600 bar
- Hydraulic oil or distilled water operated
- 3 different models
- Portable or bench top execution
- Innovative venting/bleeding system
- Fine adjustment screw type press system
- Priming pump for large volume filling
- Easy to generate high pressure
- Optional wide choice of reference instruments
- SKYDROL compatible version

PCP-1000-EB-VP

Entry level pressure comparison test pump, basic execution for pressure up to 1000 bar with priming pump for pre-filling large volume.

PCP-1200-EB-VP

Pressure comparison test pump, for pressure up to 1200 bar with priming pump for pre-filling large volume.

PCP-1600-EB-VP

Pressure comparison test pump, for pressure up to 1600 bar with priming pump for pre-filling large volume.

TECHNICAL SPECIFICATION

	PCP-1000-EB-VP	PCP-1200-EB-VP	PCP-1600-EB-VP
Pressure Range	0 to 1000 bar	0 to 1200 bar	0 to 1600 bar
Medium	hydraulic oil or distilled water		
Pressure Ports	2 x 1/2" BSP female rotating		
Fluid reservoir	400 cm ²		
Piston diameter	8 mm		
Ram screw stroke	approximate 3.9 cm ³		
Material	stainless steel, aluminium brass, Vitom and NBR		
Distance between test points	200 mm	200 mm	200 mm
Dimension	(L) 600 mm (W) 280 mm (H) 220 mm	(L) 600 mm (W) 300 mm (H) 240 mm	(L) 520 mm (W) 280 mm (H) 220 mm
Weight	8.5 kg	9.9 kg	9.9 kg

Ordering Information

PCP-1000-EB-VP Comparison pump with Priming Pump, 1000 bar
PCP-1200-EB-VP Comparison pump with Priming Pump, 1200 bar
PCP-1600-EB-VP Comparison pump with Priming Pump, 1600 bar
 Please add "S" for SKYDROL or break fluid version.

Included accessories

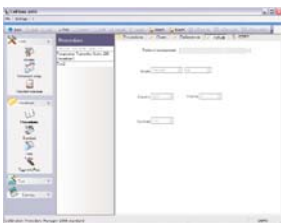
User manual, 2 X 1/2" BSP F adaptor, priming pump

Accessories

PCP-A-SET Set of stainless steel adapter 1/2" M BSP to 1/4" BSP F, 1/2" M BSP to 1/4" NPT F, 1/2" M BSP to M20 x 1.5, 1/2" M BSP to 1/2" F NPT, set of gasket

Reference instruments

- P200-I** Pressure calibrator, 0.025 % FS max pressure 700 bar
- P100-005** Pressure calibrator, 0.05 %FS max pressure 2000 bar
- P100-01** Pressure calibrator, 0.1 % FS, max pressure 2000 bar
- G10** Analogue pressure gauges, 0.6% FS max pressure 1000 bar



On-line calibration Procedure

P200 and P100 are compatible with the CalPman software which allows for semi-automatic calibration procedure and automatic report generation and calibration certificates.



..... Distributed by:

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