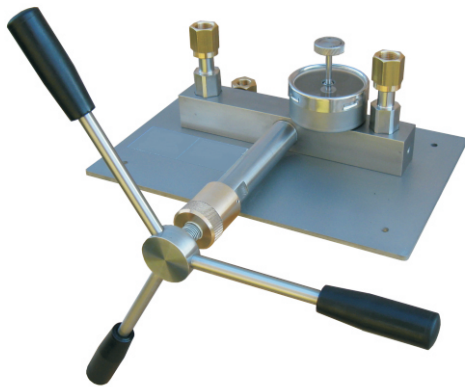


Pressure Comparison Pumps



Pressure comparison pumps are used for generating pressure for testing, adjusting and calibrating of mechanical and electronic instruments by means of comparison. The pressure tests can be carried out in laboratories, workshops or on site. PCP series are equipped with a fine adjustable screw type press which enables the easy reach of the desired pressure test point up to 1400 bar. PCP series can be supplied with master reference gauges such as XP2i or P100 series to make a complete calibration system. Semi automatic test routines can be created when using P200 or P100 with the optional CalPman 2008 software which allows for on-line calibration procedures. The PCP features:

- Pressure ranges to 1400 Bar
- Hydraulic oil and distilled water operated
- 2 different models
- Easy venting/bleeding system
- Large volume systems are easily primed
- Greatly speeds up priming and pressure generation
- Optional wide choice of reference instruments

Technical Specifications

	PCP-700	PCP-1400
Pressure Range	0...700 bar	0...1400 bar
Medium	hydraulic oil or distilled water	
Pressure Ports	2 x 3/8" BSP left male	
Fluid reservoir	150 cm ³	
Piston diameter	16 mm	
Ram screw stroke	appr 26 cm ³	
Material	internals of oil hand pump stainless steel, seals made of nitril and viton, adapters of brass	
Bottom plate	stainless steel with four mounting holes for stable bench mounting	
Dimension	(L) 340 mm (W) 225 mm (H) 130 mm	(L) 340 mm (W) 225 mm (H) 130 mm

Ordering Information

PCP-700, Comparison pump 700 bar
PCP-1400, Comparison pump 1400 bar

Included Accessories

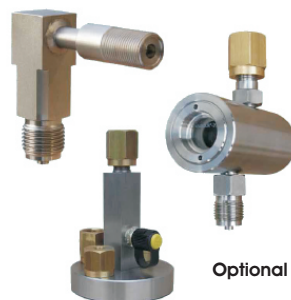
User manual
Set of adapters: 1 X 1/8" BSP, 1 X 1/4" BSP, 1 X 3/8" BSP,
2 X 1/2" BSP
Nuto H32- oil (7/2 ltr.)

Optional Accessories

- dirt/moisture trap
- adapters with other connections
- square adapters
- pointer remover/punch
- oil/water separators

Recommended Pressure Reference Instruments

XP2i Pressure Calibrator, 0.1 % reading, 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



Optional Accessories

PCP-700

Entry Level pressure comparison test pump, basic execution for pressure up to 700 Bar

PCP-1400

Pressure comparison test pump, for pressure up to 1400 Bar

Automatic Calibration Procedure

When ordering P100-1 or XP2i as reference instruments, online calibration procedures can be run using the powerful CalPman 2008 software package. The software allows for setting up automatic calibration procedures including error calculation and automatic generation of calibration reports on customised format. The CalPman 2008 software package helps to comply with the burned imposed by the quality system such as the ISO 9000 and to maintain an instrument database

