

## Model CP582 Portable Hydraulic Comparison Pump



The CP582 Hydraulic High Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 0 to 70MPa (10,000 psi). It is simple operation and achieves high pressure smoothly and easily. The pre-pressuring hand pump can fill large volume workload quickly. A hand tight vernier control allows the high pressure to be easily generated and controlled smoothly.

Two hand tight connectors installed on the pump allow for easy connecting and disconnecting to the test pump without the need for wrenches or thread tape. The CP582 is comfortable and simple operation, with features that make it ideal for calibrating pressure transducers, gauges, and other pressure instruments. It is also ideal for use as a benchtop gauge comparator.

### FEATURE

- Hydraulic pressure up to 70MPa
- Pressure adjustable resolution to 10 mbar
- Hand pump for filling large workload
- Vernier control quickly generate high pressure and smoothly adjust pressure.
- Hand tight quick connectors, without the need for wrenches or thread tape
- User friendly and easy operation
- Portable design, only 4.7kg
- Robust construction

### APPLICATION

- General hydraulic calibration
- Bench-top gauge comparator
- Pressure pipeline test

### SPECIFICATION

- Media: Mineral oil, or distilled water (please contact us prior for ordering)
- Pressure range: 0 to 70MPa/10,000 psi ( For optional 100MPa/15,000 psi, please contact us in advance)
- Pressure adjustable resolution: 10mbar / 0.15psi /1000 pa
- Ram/adapters material: Stainless Steel
- Body material: Aluminum Alloy
- Seals material: Buna-N, PTFE, Copper
- Connection: Hand tight quick connector M20x1.5 Female (1/4" BSP, 1/4" NPT, 1/2" BSP, 1/2" NPT is optional)
- Reservoir volume: 150ml (9.15 in<sup>3</sup>)
- Fine adjust piston volume: 2.5 ml (0.15 in<sup>3</sup>)
- Dimension: 384 mm x 198mm x 180mm
- Weight: 4.7kg

### SCOPE OF DELIVERY

- User Manual
- Seals and O rings (one bag)
- Carrying case (CP582-X-SET or CP582W-X-SET only)

### OPTIONAL ACCESSORIES OR SERVICES

- Adapter kits (P/N: 1551)
- Hydraulic filter (P/N:1553)
- Carrying case for CP582 hydraulic (P/N: 1570-582)
- Maintenance kit for CP582 (P/N: 582-MK)
- Change oil media to distilled water service (P/N:582W)

### ORDERING MODEL NUMBER

CP582-700	Portable Hydraulic Comparison Pump, 700bar	
CP582-1K	Portable Hydraulic Comparison Pump, 1000 bar	
	M	M20*1.5 female hand tight quick connector
	B2	1/2" BSP female hand tight quick connector
	B4	1/4" BSP female hand tight quick connector
	N2	1/2" NPT female hand tight quick connector
	N4	1/4" NPT female hand tight quick connector
	SET	With Carrying case
	Blank	Without carrying case
Model	Connector	Carrying Case