

HTP1 Pressure Test System



700 bar / 1000 bar Hydraulic Pressure (oil or water)



A new Pressure Test System- HTP1 has been developed by SI to join the existing well established family of Pressure Calibration products.

HTP1-700 and HTP1-1000 are lightweight, easy to use and can generate pressures up to 700 bar / 1000 bar. HTP1 is well suited for calibrating pressure transmitters, pressure transducers, pressure switches and pressure gauges.

HTP1 can be used as a Portable Pressure Comparator in conjunction with various pressure indicating devices.

The system offers adjustable over pressure protection, fine control, and a unique selector switch to move from priming to high pressure

FEATURES

- Hydraulic Pressure up to 700 bar / 1000 bar !
- Sealed Construction - NO LEAKS ! NO RUST !
- Lightweight, hand held and easy to use.
- Optional over pressure protection system (via adjustable relief valve)
- Quick priming and pressure generation using scissor action pump.
- High pressure / priming selector.
- Fine adjustment control.
- Pressure release valve.
- Large see-through reservoir with a capacity of over 100cc.
- Compatible with many different liquids. e.g. mineral oil, distilled water. ('Skydrol' / Brake fluid option also available).
- Supplied with carrying case.
- Optional accessories include a set of adaptors and a flexible hose with quick fit connectors suitable for many applications.



CERTIFICATE No. FM 20157



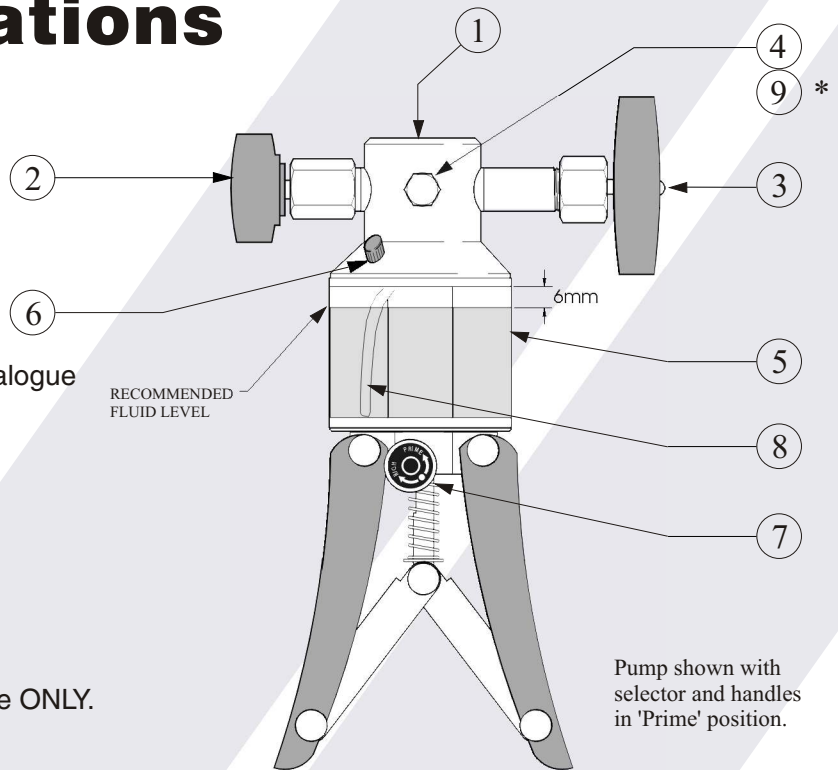
HTP1 Specifications



PRIME / HIGH PRESSURE
SELECTOR

KEY:

1. 3/8" BSP Female connection to take master instruments. e.g. PC6 Calibrator, Digital / Analogue indicators.
2. Pressure release valve.
3. Fine control.
4. Front port: 1/4" BSP female to take optional Quick-fit connection and flexible hose.
5. 100cc's Reservoir.
6. Reservoir filling plug.
7. Priming / High pressure selector.
8. Fluid inlet tube
9. Rear port: Reserved for Pressure Relief Valve ONLY.
(* Do not use for any other purpose)



Specification:

Pressure range:

0 to 700 bar / 0 to 1000 bar max. (10,000 PSI / 14,500 psi).

Pressure media:

Mineral based Hydraulic Oil (DW6292 shown below)
Distilled water
('Skydrol' and brake fluid option available HTP1-S)

Pressure connections:

3/8" BSP female.
1/4" BSP female. (blanked off)
Quick fit connector to suit flexible hose. (see optional accessories below).

Dimensions:

L 236mm x W 159mm x D 70mm; approx. 1.6kg in weight.

Master Instruments available to suit HTP1-700, HTP1-1000:

Pressure Calibrator (PC6)

Accuracy FS:

0.05%

Digital Indicator (DTG-30)

0.5%

4" Analogue Gauges (HTPG)

0.5%

Order Codes:

HTP1-700, HTP1-1000

Hydraulic Pressure Test System in compact carrying case.

PRV12-X-HTP1

4 Ranges of Pressure Relief Valve: 10-50bar, 50-200bar, 200-400bar, 300-700bar

PC6

A range of Pressure Calibrators available between -1 and 1000bar (14,500psi)

DTG30 - range

A range of Digital Indicators up to 1000 bar (14,500psi) accuracy 0.5%

HTPG-1/2/3/4

4 ranges of Analogue Gauge 0.5% accuracy between 0 and 1000 bar (14,500psi)

HTPA-700, HTPA-1000

Set of 7 adaptors-1/4"BSP male to 1/8", 3/8", 1/2"BSP and NPT female adaptors.

HK1

1m Long flexible hose & gauge adaptor with 'quick-fit' connections (oil).

HK1-W

1m Long flexible hose & gauge adaptor with 'quick-fit' connections (water).

HK1-1000

1m Long self-sealing hose assembly for use with oil or water (1000 bar / 14500 psi working pressure).

HTPK1

Service kit containing a set of seals.

DW6292

1 Litre can of hydraulic oil.



31-0254 Iss.5 DIM.5048.