

HTP1 Pressure Test System



700 bar / 10,000 psi, 1000 bar / 15,000 psi Hydraulic Pressure



FEATURES

- Hydraulic Pressure up to 1000 bar / 15,000 psi !
- Stainless Steel 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 most 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.

HTP1 has been developed by SI Pressure Instruments 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 / 10,000 psi & 1000 bar / 15,000 psi. 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 generation.

www.si-pressure.com

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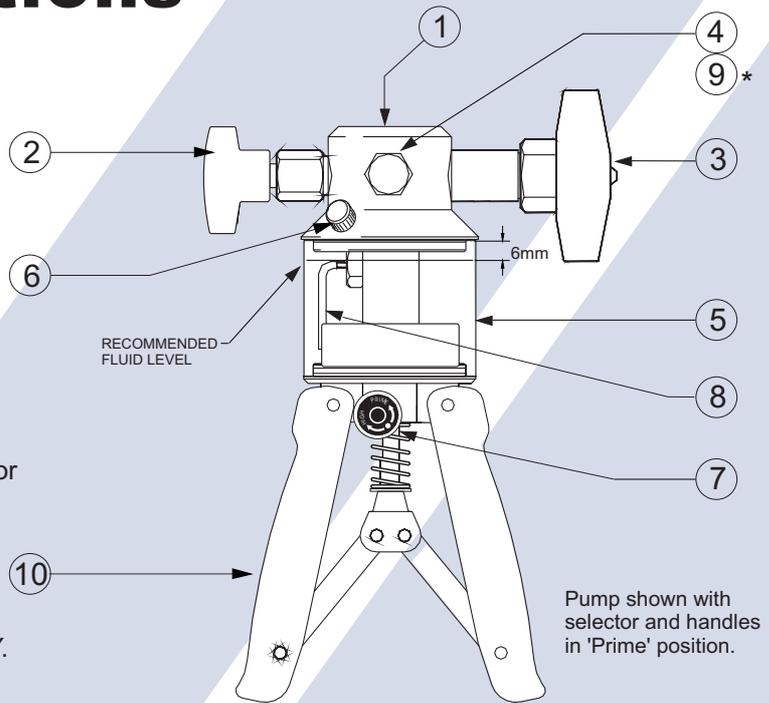


HTP1 Specifications



KEY:

1. 3/8" BSP Female connection to take master instruments. e.g. PC6 PRO Calibrator, Digital / Analogue indicators (1/4"NPT Female adaptor available).
2. Pressure release valve.
3. Fine control.
4. Front port: 1/4" BSP female to take optional Quick-fit connection and flexible hose (1/4"NPT Female adaptor available).
5. 100cc's Reservoir.
6. Reservoir safety valve / 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)
10. Pump Handles



Specification:

- Pressure range:** 0 to 700 bar / 0 to 1000 bar max. (0 to 10,000 psi / 0 to 15,000 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 176mm x D 70mm; approx. 1.6kg in weight.

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

Pressure Calibrator (PC6 range)	Accuracy FS: 0.05% / 0.025%
Digital Indicator (DTG-2K)	0.2%
4" Analogue Gauges (HTPG)	0.5%

Order Codes:

HTP1-700, HTP1-1000	Hydraulic Pressure Test System in compact carrying case.
PRV12-X-HTP1	5 Ranges of Pressure Relief Valve: 10 to 1000 bar / 150 to 15,000 psi.
PC6, PC6-IS, PC6-PRO	A range of Pressure Calibrators between -1 and 1000bar (15,000psi) Acc. 0.025% FS
DTG-2K - range	A range of Digital Indicators up to 1000 bar (14,500psi) accuracy 0.2%
HTPG-1/2/3/4	4 ranges of Analogue Gauge 0.5% accuracy between 0 and 1000 bar (15,000psi)
HTPA-BSP	Set of 7 BSP adaptors.
HTPA-NPT	Set of 6 NPT adaptors.
HK1-1000	1m Long self-sealing hose assembly for use with oil or water (1000 bar / 15,000 psi working pressure).
HTPK1	Service kit containing a set of seals.
DW6292	1 Litre can of hydraulic oil.

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