



HTP1 Pressure Test System

Calibration Test Equipment

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

Application

A new Pressure Test System- HTP1 has been developed 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

Size

L 236mm x W 159mm x D 70mm

Weight

Approx. 1.6kg in weight

Accuracy

Pressure Calibrator (PC6)	0.05%
Digital Indicator (DTG-30)	0.5%
4" Analogue Gauges (HTPG)	0.5%

Ranges

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

Pressure Media

Mineral based Hydraulic Oil
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)

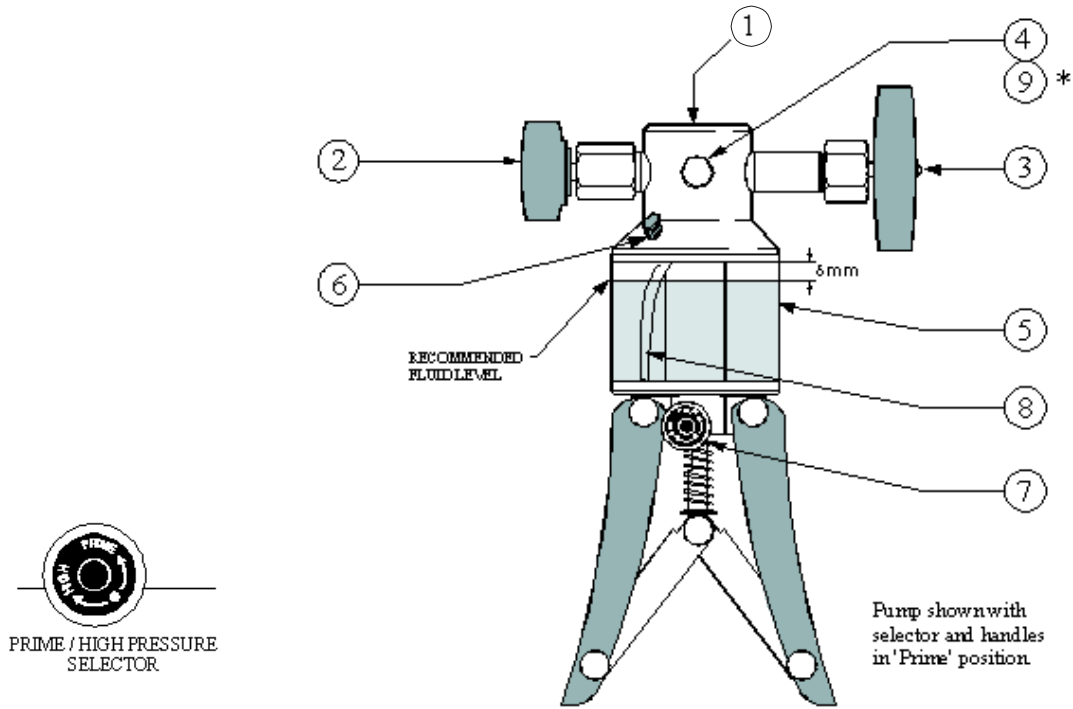


Standard Features

- 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.
- Compatible with many different liquids.e.g. mineral oil, distilled water. ('Skydrol' / Brake fluid option also available).
- Optional accessories include a set of adaptors and a flexible hose with quickfit connectors suitable for many applications.
- Large see-through reservoir with a capacity of over 100cc.
- Pressure release valve.
- Supplied with carrying case.
- Fine adjustment control.

APM HTP1
(APM 03.14)

Dimensions:



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)

Ordering 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
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.

**THE MEASURE OF
Total Performance™**

Ordering Information:

State computer part number (if available) / type number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



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