



Pressure Test System MTP1

Calibration Test Equipment

1 to 25 bar Pneumatic Pressure and Vacuum

Application

The MTP1 Pressure Test System has been introduced to complement an already extensive range of pressure calibration products and can be used for calibration checks on pressure transmitters, pressure switches, indicators, recorders and controllers.

Calibration checks can be carried out simply by temporarily shutting off line pressure, selecting the digital indicator or test gauge required and connecting the instrument via the flexible hose and swivel adaptor to the pressure measuring instrument to be checked. The range of adaptors enables connection to most gauge threads.

MTP1 can be used as a portable Pressure Comparator in conjunction with various pressure indicating devices.

Size

220mm (L) x 105mm (W) x 63mm (D)

Weight

510 grams

Accuracy

Pressure Calibrator (PC6)	0.05%, 0.025%
Digital Test Gauge (DTG-30)	0.5%
TPG Analogue Gauges	1.0%



Standard Features

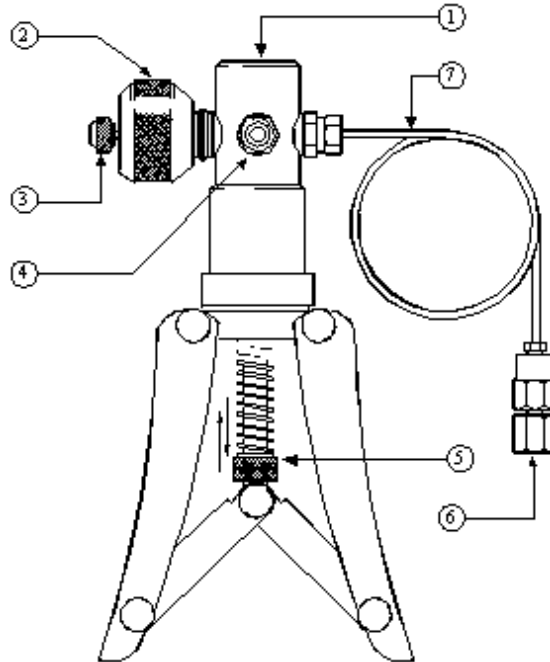
Materials: Bright nickel plated brass, clear anodised aluminium.
Adjustment: Fine volumetric pressure / vacuum adjuster.

Output Pressure: 0 to 25 bar (Adjustable)
Output Vacuum: 0 to -0.8 bar / 0 to -24 in Hg (Adjustable)

- Dual source of pneumatic pressure and vacuum.
- Fully portable hand operated unit supplied as a complete kit.
- Generating up to 25 bar pressure or -0.8bar / 24 in Hg vacuum.
- Adjustable stroke to provide over pressure protection.
- Quick fit instruments are available to use with the system including electronic calibrators, digital indicators and analogue gauges.
- The TP1 is supplied in a light, high quality carrying case, with adaptors, a set of washers, seals and provision for additional instruments.

APM MTP1
(APM 03.13)

Dimensions:



Key:

1. 3/8" BSP female connection to take master instruments e.g. digital or analogue gauge, PC6 Calibrator.
2. Fine adjustment valve.
3. Pressure release valve.
4. Pressure / Vacuum selector
5. Adjustable stroke for varying maximum pressure output (over pressure protection).
6. Pressure port - 1/4" BSP (female) to suit adaptors / item under test.
7. Flexible hose to item under test.

Ordering Codes:

MTP1	Hand held pressure test system in rigid carrying case with 1 metre flexible hose and adaptor set.
PC3, PC6	7 ranges of Pressure Calibrator available between -1 and 25 bar
DTG-30 - range	3 ranges of Digital Indicator up to 30 bar (450psi).
TPG1, 2, 3, 4, 5	5 ranges between -1 and 30 bar (450psi).
TPK1	Service kit containing a set of seals. 'O' rings, retaining screws and allen key.
TPA	Set of 7 adaptors - 1/4"BSP male to 1/8", 3/8", 1/2"BSP and NPT Female adaptors.

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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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