

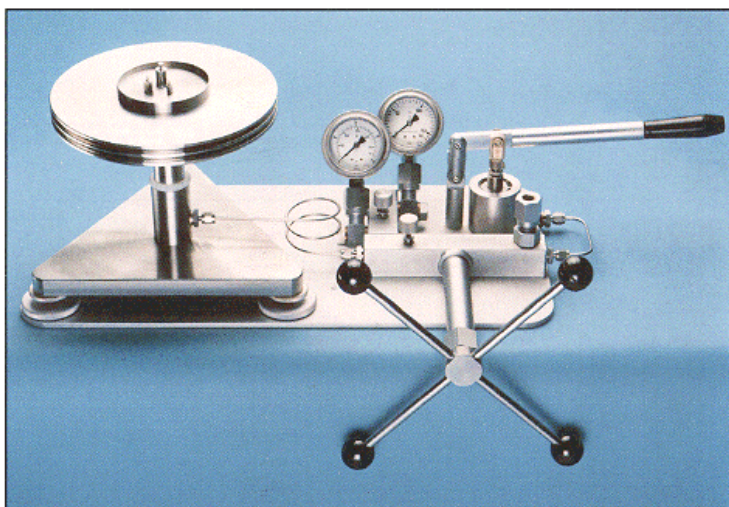
P7000

Pressure Standards



- Pressure Ranges cover 0.25 to 60000 psi
0.015 to 4000 bar
- Accuracy up to 0.005% of Reading
- Traceable to International Standards
- Integrated Hardware and Software Systems
- Oil, Water or Gas Operation
- Full Technical Support

The P7000 Series has been designed for pressure measurements to the highest level of accuracy.
The wide range of options ensures maximum flexibility and application.



Each instrument incorporates:

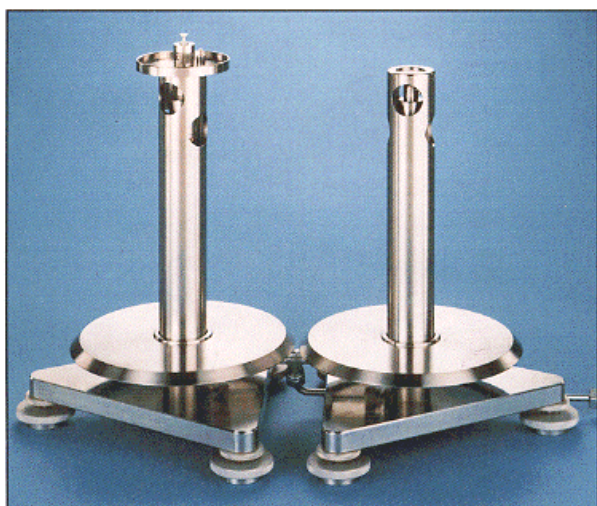
- Pressure generation / control
- A certified piston and cylinder unit (PCU) installed in a rigid mounting post
- Certified masses

Choice of pressure fluids:

- Oil to 4000 bar / 60000 psi
- Water to 700 bar / 10000 psi
- Gas to 140 bar / 2000 psi

Standard Options include:-

- Additional pistons to extend the working pressure range
- Additional pistons permanently mounted to provide dual or multi-range system
- Temperature sensor
- Piston position sensor with computer interface and display
- Computer assist calibration software
- Motor drive for piston and mass rotation
- Hydraulic hand pump for priming and pressurising large volumes



Special Deadweight Tester Calibration Models

Uniquely, the P7000 Series can be fitted with an additional triangular base and adaptors to mount the PCU to be calibrated. This eliminates many of the problems associated with connecting two Deadweight Testers such as:

- Potential leaks
- Contamination of the reference standard
- Trapped air and head errors
- Inter-connection problems
- Relative height measurement
- Excessive calibration time

A Wide range of both makes & models of Deadweight Testers' PCU's can be mounted.

A complete range of industrial, differential and absolute Deadweight Testers are available.



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Represented by:



P7000 - CAT.150/2

CAT. 150/2

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