

P7000



Pressure Standards

P7000

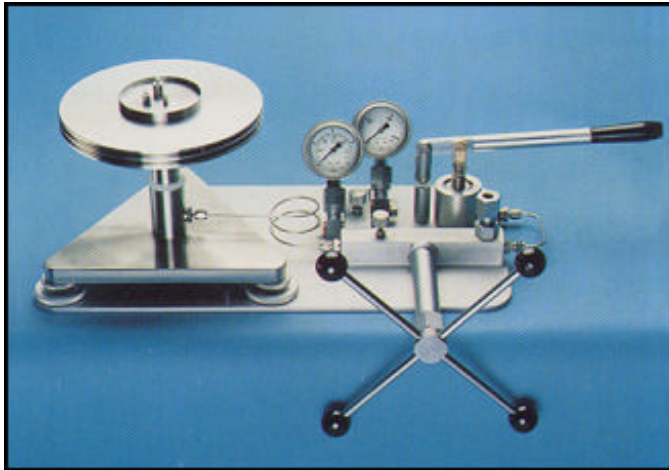
- Pressure ranges cover 5 to 20,000 psi
- 0.005% of reading accuracy
- NIST Traceable
- Oil, water or gas operated
- Integrated hardware and software systems
- Special dual based deadweight tester calibrating model



 A Druck Company

P7000

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 medium:

- Oil to 20,000 psi
- Water to 10,000 psi
- Gas to 2,000 psi

Standard Options include:-

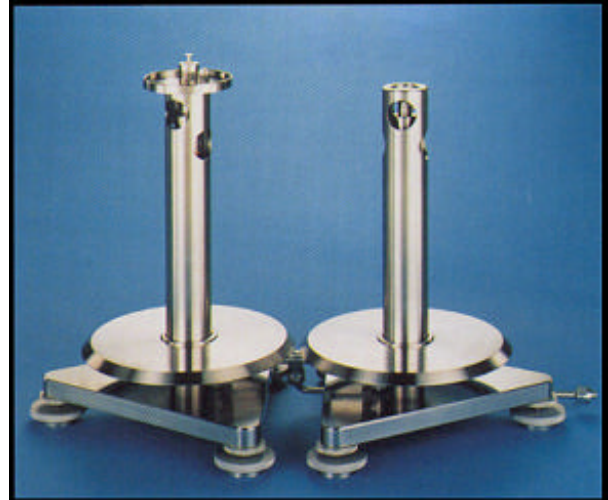
- Additional pistons to extend the working pressure range
- Additional pistons permanently mounted to provide a multi-range system
- Temperature sensor
- Piston position sensor with computer interface and display
- Calibration software
- Motor drive for piston and mass rotation
- Hydraulic hand pump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

Special Deadweight Tester Calibration Models

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
- Interconnection 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 hydraulic, pneumatic, differential and absolute deadweight testers are available.



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