

Calibrating at the bench with a deadweight tester



A deadweight tester is a proven method of pressure calibration that is usually chosen for bench applications when accuracy and reliability are the top requirements. Calibrations are performed at the bench for convenience and to maintain reference conditions. The bench is a convenient location to clean, inspect, calibrate and repair with all the necessary equipment available. Reference conditions are necessary to achieve the reference accuracy of the device under test and the calibration standards. Reference accuracy may be required to maintain the necessary test uncertainty ratios (TUR).

Suggested test tools

Using liquid:



P3100, P3200, or P3800 Series Hydraulic Deadweight Tester

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6531, 6532 Electronic Deadweight Tester

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Using gas:



P3000 Series Pneumatic Deadweight Tester

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