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Product Name :
Dead Weight Pressure Gauge Calibrator

Product Code :
SCHOOL-FUD810008



Description :

Dead Weight Pressure Gauge Calibrator

Technical Specification :

FEATURES:

A bench top unit comprising a simple Dead weight Pressure Calibrator with weights

Pressure sensors, manometers or Bourdon gauges other than those supplied can be calibrated over the range 20 kNm⁻² to 200 kNm⁻²

Bourdon gauge with inlet and outlet valves

Set of weights

The direct measurement of pressure ($p=F/A$)

Masses added are proportional to the target pressure

Calibration of pressure gauges by deadweight method to accuracy better than 0.025% of reading

Dual pistons enable calibration over a wide range of pressures

Precision machined piston and cylinder with leveling screws

Educational software available as an option

SPECIFICATION:

Portable, self-contained deadweight precision pressure gauge calibrator

Calibration gauges with 1-1,200 bar range to $\pm 0.025\%$ of reading

Includes carrying case and weights

Minimum standard weight increment is 0.05 bars.

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School Educational Instruments

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