

Primary Standards

Pneumatic Dead Weight Testers

Bench-top / Table-top Models

Ideal tool for Fine Increments & for Medium Volume Applications. Ensures – easy & controllable Pressure generation for Calibration of Pneumatic Digital Indicators, Manometers, Pressure Transducers / Transmitters, Pneumatic Digital Calibrators / Pressure Gauges etc.

Screw Pump with built-in Priming Pump

Models

BM8000 / BM8600 Series

- Ranges : 0.5 to 1 / 2 / 10 / 20 / 35 Bar *
- Accuracy : $\pm 0.05\%$ & $\pm 0.025\%$ of Reading
- Single Piston type
- Non-Magnetic Stainless Steel Weight Sets
- Air / Gas operated
- Engineering Units : Bar / Kg/Cm² / PSI
- Adjustable Foot & Spirit Level
- Piston Calibrated thro' "Cross Float Techniques"
- Pressure generation direct via Priming Pump & Ram Screw
- Built-in / Integral (Priming) Pump
Maximum Pressure: 7 Bar
External Air supply required for Higher Pressures
(Integrated with Pressure Gauge & Regulator)
- Accuracies Traceable to International Standards



Specifications**BM8000 / BM8600 Series**

Models		Pressure Ranges		
		1 / Bar	2 / Kg/Cm ²	3 / PSI
BM8000-SP	BM8600-SP	0.5 to 1 (1000 mBar)	0.5 to 1	2 to 15
BM8000-SP	BM8600-SP	0.5 to 2 (2000 mBar)	0.5 to 2	2 to 30
BM8000-SP	BM8600-SP	0.2 to 10	0.2 to 10	5 to 150
BM8000-SP	BM8600-SP	0.5 to 20	0.5 to 20	10 to 300
BM8000-SP	BM8600-SP	0.5 to 35	0.5 to 35	10 to 500

External Pressure Source (for Models above 7 Bar) to be provided by customer.

STANDARD DELIVERY

- Basic Instrument
- Set of Adaptors (BSP / NPT)
- Non-Magnetic Stainless Steel Weight Sets
- Spirit Level, Dust Cover & Wooden Carrying Case (for Weight Sets)
- Pointer Puller / Punch, Spanner Set & Screw Driver
- 'O' Ring & Seals
- Traceable Calibration Certificate (for P8000 Series)
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory (for P8600 Series)
- Instruction Manual

OPTIONALS

- Two Gauge & Right angled Adaptors
- Conversion Weight Sets to convert from one unit of Pressure to another
- Incremental Weight Sets for smaller increments of Pressure
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory (for P8000 Series)

PRISMA
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