

DEAD WEIGHT TESTERS



FEATURES

- Single / Dual Piston
- Pneumatic (Air / Gas) & Hydraulic (Oil) Models
- $\pm 0.1\%$ / $\pm 0.05\%$ / $\pm 0.025\%$ / $\pm 0.015\%$ Reading Accuracies Traceable to International Standards
- Pressure generation direct via Ram Screw & Priming Pump
- Adjustable Foot Knob & Spirit Level
- Calibrated to Standard Gravity (Customer specific Gravity adjustment can also be done optionally)
- Piston Calibrated thro' "Cross Floating Techniques"
- Weight Sets available in Bar, Kg/Cm², PSI Engineering Units
- Optional : Portable & Motorized Models

HYDRAULIC MODELS



PNEUMATIC MODEL



MODELS	H3000	H6000	P5000 / P8000 SERIES
Ranges	Upto 700 Bar	Upto 700 Bar	0.5 to 35 Bar *
Piston	Single / Dual	Single / Dual	Single
Accuracy	±0.1% of Reading	±0.05% of Reading	±0.1% & ±0.05% of Reading
PCU	Hardened Stainless Steel Piston & Matching Cylinder	Hardened Stainless Steel Piston & Matching Cylinder	Hardened Stainless Steel Piston & Matching Cylinder
Weight Set	Phosphated Mild Steel / Stainless Steel	Phosphated Mild Steel / Stainless Steel	Stainless Steel (Non-Magnetic)
Certification	Overall Accuracy	Overall Accuracy	Overall Accuracy
Traceability	Issued by ISO 17025:2005 Accredited Calibration Lab	Issued by ISO 17025:2005 Accredited Calibration Lab	Issued by ISO 17025:2005 Accredited Calibration Lab
Remarks			In-built Hand Pump & Fine Adjustment Ram Screw. Air/Gas operated.

* External Pressure Source (for Models above 5 Bar) to be provided by customer.

MODELS	6600 SERIES	6900 SERIES
Ranges	Upto 700 Bar	Upto 700 Bar
Piston	Single / Dual	Single / Dual
Accuracy	±0.025% of Reading	±0.015% of Reading
PCU	Tungsten Carbide Piston & Matching Hardened Cylinder	Tungsten Carbide Piston & Matching Hardened Cylinder
Weight Set	Stainless Steel (Non-Magnetic)	Stainless Steel (Non-Magnetic)
Certification	Overall Accuracy + PCU + Mass	Overall Accuracy + PCU + Mass
Traceability	Traceable to ISO/IEC 17025:2005 NABL Accredited Calibration Lab	Traceable to ISO/IEC 17025:2005 NABL Accredited Calibration Lab
Software	"DWTCal" Software Supplied as standard	



Portable & Motorized Models available - kindly consult us.

COMPARISON TESTERS



MODELS	GCL 250SP / GCH 700SP	GCH 700 SPES / 1000 SPES	GCH 600 HP
Ranges	250 / 700 / 1000 Bar	700 / 1000 Bar	600 Bar
Pressure Source	Hydraulic Screw Pump	Hydraulic Screw Pump in an elevated stand	Hydraulic Hand Pump
Medium	Oil	Oil	Oil