

Primary Standards

Nagman Hydraulic Dead Weight Testers

Bench-top / Table-top Model

Ideal for Fine Increments & for Medium Volume Calibration. Ensures – Easy & Controllable Pressure generation for Calibrating Pressure Gauges / Transducers / Transmitters, Transfer Standards, Recorders, Digital Calibrators etc.

Screw Pump with built-in Priming Pump

Model

H6900N Series

- Ranges : 1000 / 1100 / 1200 Bar
- Accuracy : $\pm 0.015\%$ / $\pm 0.01\%$ of Reading
- Dual Piston
- Oil operated
- Engineering Units : Bar / Kg/Cm² / PSI.
(Kpa & Mpa also available).
- Adjustable Foot & Spirit Level
- Piston Calibrated thro' "Cross Floating Techniques"
- Calibrated to Standard Gravity (Optional : Calibration to Local Gravity as per Customer's requirement)
- Accuracies Traceable to International Standards
- Non-Magnetic Stainless Steel Weight Sets



* Accessories shown above are not part of standard equipment.

Manufactured by

Nagman Instruments & Electronics (P) Ltd.

27th KM Stone, Chennai-Bangalore NH-4, Nazarethpet P.O., Chembarambakkam, Chennai – 600 123. INDIA.

Domestic Sales

Phone 044 – 26810280, 1280, 0600, 1300

Fax 044 – 26811703

E-Mail mktgchennai@nagman.com

International Sales

+91-44-26811704, 26811708

+91-44-26811703

exports@nagman.com



www.nagman.com

Specifications

H6900N Series

Ranges	1000 / 1100 / 1200 Bar
Piston	Dual Refer Table ②
Standard Accuracy	±0.015% / ±0.01% of Reading
Traceability	International Standards Refer Table ①
Weights	Non-Magnetic Stainless Steel
Pressure generation	Thro' Priming Pump & Screw Ram
Standard Corrections	Gravity : 9.80665 m/s ² * / Temperature : 20°C / Air Density : 1.2 Kg/Cm ²
Weight (approx.)	Instrument : 19 Kg. ; Weight Sets : 8 to 33 Kg. Refer Table ②
No. of Weights	12 to 15
Instrument Dimensions	530 x 325 x 230 mm (L x W x D)
Operating Fluid	Oil
DWTCal Software	Supplied

Table ①

Model	Accuracy	PCU	Weight Set	Certification	Remarks
H6900N	±0.015% of Reading	Hardened Special Steel Piston & Matching Cylinder	Non-Magnetic Stainless Steel	Overall Accuracy	From ISO/IEC 17025:2005 Accredited Calibration Lab
H6990N	±0.01% of Reading				

Table ②

Piston Type	Piston Model	Pressure Ranges		
		1 / Bar	2 / Kg/Cm ²	3 / PSI
Dual	DP-1000	1 to 1000	1 to 1000	15 to 15000
Dual	DP-1200	1 to 1200	1 to 1200	15 to 18000

STANDARD DELIVERY

- Basic Instrument
- Calibrated Stainless Steel Weight Sets Refer Table ① & ②
- Full set of Adaptors consisting of 1/8", 1/4", 3/8", 1/2" BSP (Set of NPT Adaptors available on request)
- Operating Fluid (500 ml)
- Spirit Level, Pointer Puller / Punch, Set of Spanners & Screw Driver
- 'O' Ring & Seals
- Wooden Carrying Case (for Weight Sets)
- Instruction Manual
- DWTCal Calibration Software
- Calibration Certificate from NABL Accredited Laboratory (as per ISO/IEC 17025:2005) - Refer Table ①

OPTIONALS

- Right angled Adaptor / Two Gauge Adaptor
- Conversion Weight Sets to convert from one unit of Pressure to another
- Incremental Weight Sets for smaller increments of Pressure