

# 2000 Series Hydraulic Deadweight Testers



OIL AND WATER OPERATED UNITS AVAILABLE

## Specification

- Range:** 1 to 700 bar / 10 to 10,000 psi or
- Standard accuracy:** 0.025% of reading.
- Traceability:** NPL, NIST
- Weights:** Stainless steel, non magnetic.
- Priming:** Direct via ram screw.
- Standard corrections:**  
 Gravity: 9.80665 m/s<sup>2</sup>\*  
 Temperature: 20°C\*  
 Air density: 1.2 kg/m<sup>3</sup>
- Weight:** Tester 9.5 kg  
 Weights 30 kg
- Dimensions:** L360 x W290 x H190 mm approx.
- Operating Fluids:** Oil Models - Mineral oils to 'SI' specifications.  
 Water Models - Distilled water.



## Standard accessories

- All testers are supplied with:
- Certificate of Calibration of deadweight tester.
  - Operating manual.
  - Set of stainless steel weights.
  - 1/4" BSP 'Quick-fit' swivel adaptor to take item under test
  - Spirit Level.
  - Operating fluid.

## Optional accessories

- Full set of adaptors consisting of 1/8", 1/4", 3/8", 1/2" BSP female.
- Right angled adaptor to take above. (Set of NPT adaptors available on request - Part No DW6127)
- Dust cover.
- Wooden carrying case (weights).
- Conversion Weight Sets to convert from one unit of pressure to another.
- Incremental Weight Sets for smaller increments of pressure
- PressCal Software
- UKAS Certification

## ORDERING CODES For Water units add suffix 'W' to code e.g. 2150-6-W

ORDER CODE No.	Water Unit	PRESSURE RANGE					
		-4 psi	Weights per set	-5 kgf/cm <sup>2</sup>	Weights per set	-6 bar	Weights per set
2120	•	10-500	12	1-35	13	1-35	13
2130		20-1000	12	2-75	14	2-75	14
2150	•	50-5000	12	5-350	13	5-350	13
2170	•	100-10000	12	10-700	13	10-700	13

Other units available upon request. \* All models can be supplied corrected for gravity and/or temperature - please specify when ordering

