

# 2000 Series Deadweight Testers



OIL AND WATER OPERATED UNITS AVAILABLE

## Specification

- Range:** 1 to 700 bar / 15 to 10,000 psi or (kg/cm<sup>2</sup> also available)
- Standard accuracy:** 0.025% of reading.
- Traceability:** NPL, UKAS, 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.



## Standard accessories

- All testers are supplied with:
- Certificate of accuracy 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

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

ORDER CODE No.	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

[www.si-pressure.com](http://www.si-pressure.com)

Tel: 0121 784 6855 (UK) Tel: +44 121 784 6855 (Int)  
Fax: 0121 784 4795 (UK) Fax: +44 121 784 4795 (Int)

