

9000 Series Deadweight Testers



OIL AND WATER OPERATED UNITS AVAILABLE

Specification

Range:	1-5000 bar / 10-75,000 psi (kg/cm ² also available)
Higher accuracy:	0.015% of reading.
Standard accuracy:	0.025% of reading.
Traceability:	NPL, UKAS, NIST.
Weights:	Stainless steel, non magnetic. 35-140 kg (dependent on pressure range).
Priming:	Direct via ram screw.
Standard corrections:	Gravity 9.80665 m/s ² Temperature 20°C Air density 1.2 kg/m ³
Weight:	Tester 18 kg Model 9190: 30 kg
Dimensions:	455 x 340 x 478 mm max.

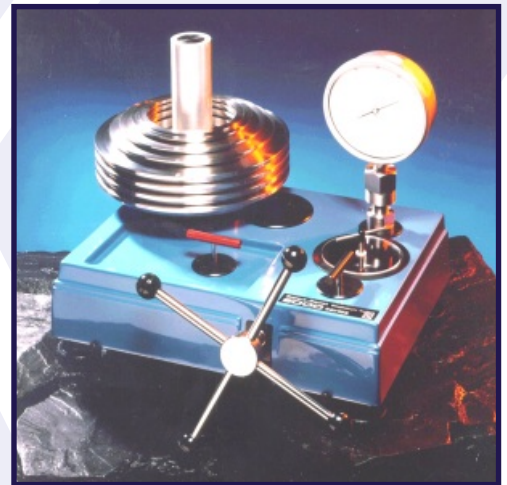
Standard accessories

All testers are supplied with:

- Certificate of accuracy of deadweight tester.
- Operating manual.
- Set of stainless steel weights in carrying case.
- Set of adaptors consisting of 1/8", 1/4", 3/8", 1/2" BSP plus right angled adaptor to take above (not 9190)
- Note: NPT adaptors available on request (not 9190)- Part No.DW6127)
- Dust cover.
- Spirit level.
- Operating fluid.

Optional Accessories

- Conversion Weight Sets to convert from one unit of pressure to another.
- Incremental Weight Sets for smaller increments of pressure.



Model 9190

ORDERING CODES

(for motorised units, prefix the code with an 'M' e.g. M9120-4, please indicate AC voltage required.
For water units add suffix 'W' to code e.g. 9250-6-W)

ORDER CODE No.	Water unit	PRESSURE RANGES					
		/4 psi	Weights per set	/5 kgf/cm²	Weights per set	/6 bar	Weights per set
SINGLE PISTON							
9120	•	10-500	12	1-35	13	1-35	13
9130	•	20-1000	12	2-75	14	2-75	14
9150	•	50-5000	12	5-350	13	5-350	13
9170	•	100-10000	12	10-700	13	10-700	13
9180		100-16,000	15	10-1100	17	10-1100	17
9190		500-30,000	19	35-2,000	23	35-2000	23
9190-H		750-75,000	32	50-5,000	29	50-5,000	29
DUAL PISTON							
9230	•	10-5,000	12	1-350	13	1-350	13
9250	•	10-10,000	12	1-700	13	1-700	13
9260		10-16,000	15	1-1100	17	1-1100	17

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