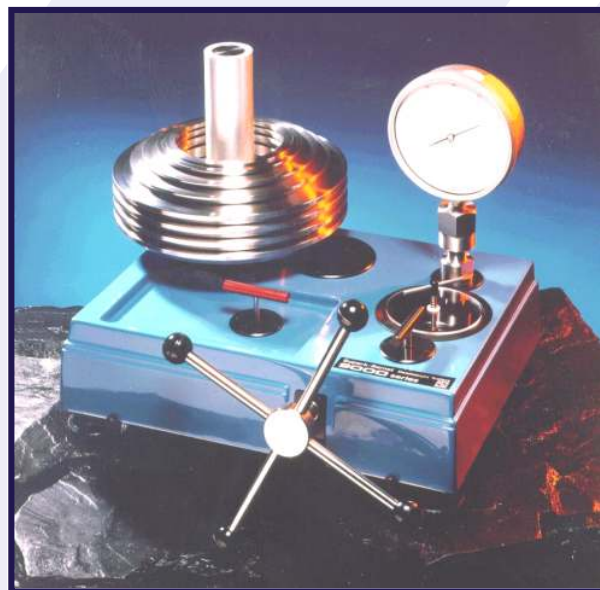


9190 Series High Pressure Deadweight Testers



Specification

Range:	35-2000 bar or 50-5000 bar 500-30,000psi or 750-75,000psi (Other units also available)
Standard accuracy:	0.025% of reading (corrected pressure)
Higher accuracy:	0.015% of reading (corrected pressure)
Traceability:	NPL, NAMAS, NIST.
Weights:	Stainless steel, non magnetic. (Overhung ring type)
Standard corrections:	Gravity 9.80665 m/s ² (others on request) Temperature 20°C Air density 1.2 kg/m ³
Weight:	Tester 30 kg Weights 85kg (9190), 140kg (9190-H)
Dimensions:	455mm W x 340mm D x 478 mm H
General Design:	Priming and pressure generation by direct ram and intensifier. Single Piston with 'Top Hat' style weight carrier. Test Station with Union Nuts and Lens Rings to provide various high pressure connections - see below. Relief valve to protect against over pressure.



Standard accessories

All testers are supplied with:

- Certificate of accuracy of deadweight tester.
- Operating manual.
- Set of Stainless Steel weights in 3 aluminium carrying cases.
- Set of Stainless Steel union nuts: 3/4 BSP, 1/2 BSP and 3/8 BSP
- Standard and Coned Lens Rings
- 1 off 9/16" x 18UNF female high pressure adaptor
- Dust cover.
- Spirit level.
- 1 litre Operating fluid.

Order Codes (for motorised version, prefix the code with an 'M' e.g. M9190-6)
(please indicate AC voltage required e.g. 240V, 110V)

ORDER CODES No.'s	PRESSURE RANGE	Values & No.'s of weights per set																Total No. of Weights
		bar / kgf/cm²							Psi									
		10	20	50	65	100	150	200	50	100	200	500	1000	1500	2000	2250	3000	
9190-4	500-30,000 psi	-	-	-	-	-	-	-	-	1	2	1	1	1	13	-	-	19
9190-5	35-2,000 kgf/cm²	1	2	1	1	18	-	-	-	-	-	-	-	-	-	-	-	23
9190-6	35-2,000 bar	1	2	1	1	18	-	-	-	-	-	-	-	-	-	-	-	23
9190-H-4	750-75,000 psi	-	-	-	-	-	-	-	1	1	2	1	1	-	2	1	23	32
9190-H-5	50-5,000 kgf/cm²	1	2	1	-	1	1	23	-	-	-	-	-	-	-	-	-	29
9190-H-6	50-5,000 bar	1	2	1	-	1	1	23	-	-	-	-	-	-	-	-	-	29

Incremental and Conversion weight sets are available on request.

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)

