

6000 Series Pneumatic Deadweight Testers



Specification

Range:	-1 bar to 40 bar / -15 to 600 psi
Higher accuracy:	0.01% of reading.
Standard accuracy:	0.025% of reading.
Traceability:	NPL, NIST.
Weights:	Stainless steel, non magnetic.
System pressure:	Visual indicator.
System source:	External positive pressure - Dry Nitrogen. Negative pressure - External Vacuum supply.
System control:	Fine adjustment controls. Two test stations.
Weight:	Tester 9 kg
Weights:	Pressure 40kg Vacuum 5.4kg
Dimensions:	455 x 340 x 400mm.
Standard corrections:	Gravity: 9.80665 m/s ² * Temperature: 20°C * Air density 1.2 kg/m ³



6390 deadweight tester.

Standard accessories

- All testers are supplied with:
- Certificate of Calibration of deadweight tester.
 - Operating manual.
 - Set of stainless steel weights in wooden carrying case.
 - Set of adaptors consisting of 1/8", 1/4", 3/8", 1/2" BSP plus right angled adaptor to take above.
(NPT adaptors available on request - Part No. DW6127)
 - Set of adaptor seals.
 - Dust cover.
 - Spirit level.

Optional accessories

- Vacuum Conversion Kit.
- Conversion Weight Sets.
- Incremental Weight Sets.
- PressCal Software.
- UKAS Certification.

ORDERING CODES

Order Code No.	Pressure Range	No. Of Weights Per Set
SINGLE PISTON (pressure only)		
6390-4	2-600 psi	13
6390-5	0.1 to 40 kgf/cm ²	14
6390-6	0.1 to 40 bar	14
VACUUM CONVERSION KIT		
6410-4	-0.3 to -30 inHg	11
6410-5	-7.6 to -760 mm Hg	12
6410-6	-10 to -1000 mbar	14

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

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