

# 6000 Series Pneumatic Deadweight Testers



## Specification

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



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 <sup>2</sup>	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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