

6000L Series Low Pressure Pneumatic Deadweight Testers



Specification

- Range:** Pressure / Vacuum 10 to 2000mbar / 0.15 to 30 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.
- Pressure source:** Positive or vacuum supply via integral pump.
- System control:** Pressure release valve.
Two test stations.
- Weight:** Tester: 5.4 kg
Weights: 5.4 kg / 10.8 kg
- Dimensions:** Approximately 310 x 250 x 150mm
- Standard corrections:**
Gravity: 9.80665 m/s² *
Temperature: 20°C *
Air density 1.2 kg/m³



NOTE: Same piston and weight set used for vacuum by using Vacuum Conversion Kit.

Standard accessories

- All testers are supplied with:
- Certificate of Calibration of DWT.
 - Operating manual.
 - Set of stainless steel weights.
 - Set of adaptors consisting of 1/8", 1/4", 3/8", 1/2" BSP plus right angled adaptor. (NPT adaptors available on request - Part No. DW6127).
 - Set of adaptor seals.
 - Spirit level.
 - Dust Cover.

Optional accessories

- Vacuum Conversion kit (6100L).
- Conversion Weight Sets.
- Incremental Weight Sets.
- Portable Option.
- PressCal Software.
- UKAS Certification.

Order Code Number	Pressure Range	No. of Weights per set	Order Code Number	Pressure Range	No. of Weights per set
6000L-1	10 to 1000 mbar	15	6000L-1-2000	10 to 2000 mbar	17
6000L-2	0.3 to 30inHg	11	6000L-2-60	0.3 to 60 inHg	13
6000L-3	7.6 to 760 mmHg	13	6000L-3-1520	7.6 to 1520 mmHg	15
6000L-4	4 to 400 inH ₂ O	15	6000L-4-800	4 to 800 inH ₂ O	17
6000L-5	100 to 10,000 mmH ₂ O	15	6000L-5-20000	100 to 20,000 mmH ₂ O	17
6000L-6	0.15 to 15 psi	18	6000L-6-30	0.15 to 30 psi	21

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

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