

6000 SERIES

GAS DEADWEIGHT TESTERS

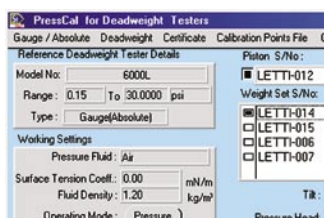
The 6000 Series Gas Dead Weight Testers offer high precision primary pressure calibration. The stainless steel non-magnetic weights draw upon over 70 years of knowledge and experience to provide easy-to-use, dependable pressure generation. The 6390 Model has a range of 2 to 600 psi and accuracies of 0.025% or 0.01% of reading. By utilizing the optional vacuum conversion kit, a vacuum from -0.3 to -30 inHg can be generated.

For the low pressures necessary during calibration of Magna-Helics. Your purchase of a Series 6000 Dead Weight Tester will also include a certificate traceable to NIST. The 6000L Series Dead Weight Tester is a version of the 6000 series designed for use between 0.15 and 15 psi. The 6000L also works well for draft pressure and measuring inches or millimeters of water during differential measurements.



KEY FEATURES

- Precision Pressure Calibration
- Stainless Steel, Non-Magnetic Weights
- Corrections for Local Gravity Available at Delivery
- Vacuum Conversion Kits Available
- Three Different Accuracy Ratings to Choose From



SPECIFICATIONS

| | | | |
|------------------------------|---------------------------------------------------------------------|---------------------------|-----------------------|
| WEIGHTS | Stainless steel, non-magnetic | | |
| SYSTEM PRESSURE | Visual indicating gauge | | |
| SYSTEM SOURCE (6000 ONLY) | Outside pressure and/or vacuum supply required (supplied by others) | | |
| PRESSURE SOURCE (6000L ONLY) | Positive or vacuum supply via integral pump | | |
| SYSTEM CONTROL | Fine adjustment controls. Two test stations | | |
| 6390 | Pressure release valve. Two test stations | | |
| 6000L | | | |
| STANDARD CORRECTIONS | GRAVITY | TEMPERATURE | AIR DENSITY |
| | 9.80665 m/s ² | 20°C | 1.2 kg/m ³ |
| WEIGHT | TESTER | WEIGHTS | VACUUM MASS SET |
| 6390 | 20 lb. | Pressure mass set: 88 lbs | 2.75 lb. |
| 6000L | 12 lb. | 12 lb. | N/A |
| DIMENSIONS | | | |
| 6390 | 18 x 13.5 x 15.8" | | |
| 6000L | 12.2 x 9.8 x 5.9" | | |

ORDERING INFORMATION

Included in standard delivery: NIST traceable certificate, operating manual, wooden carrying case for weights, NPT adapters 1/8", 1/4", 3/8", 1/2", adapter seals, and dust cover

| MODEL | RANGE | ACCURACY | |
|-------------|---------------------------------|------------|----------|
| | | 0.025% | 0.010% |
| 6000L-4 | 4 to 400 inH ₂ O | \$ 7,115 | \$ 7,490 |
| 6000L-6 | 0.15 to 15 psi | 7,115 | 7,490 |
| 6000L-4-800 | 4 to 800 inH ₂ O | 7,115 | 7,490 |
| 6000L-6-30 | 0.15 to 30 psi | 7,115 | 7,490 |
| 6390-4 | 3 to 500 psi | 7,510 | 7,905 |
| 6410-4 | Vacuum conversion kit for 6390 | 3,815 | 4,015 |
| 6100L | Vacuum conversion kit for 6000L | 1,100 | 1,220 |
| 421-207-41 | Fractional weight set | Units: psi | 385 405 |