

Industrial Range

MODEL

249T



- ▶ Static Pressure ranges from 15 mbar to 200 bar
- ▶ Differential Pressure ranges from 5 mbar to 4000 mbar

Differential
Dead-Weight
Testers

- ▶ Accuracy to 0.03%
- ▶ Ergonomic layout ideal for Laboratory use



Budenberg

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Differential Dead-Weight Tester



249T SERIES HIGH PRESSURE DIFFERENTIAL DEAD-WEIGHT TESTER

Ranges to 200 bar static: 4000 mbar differential.
Static pressure accuracy to 0.03%.
Differential pressure accuracy to 0.035% + 0.2 mbar. All units supplied with Certification traceable to National standards.
UKAS area and mass certification to 0.01% accuracy is available as an optional extra.

PERFORMANCE TABLE

Area of Piston units	0.125 in ²		0.0625 in ²	
	Static pressure lb/in ² X increments bar	200 to 1500 x 100 15 to 100 x 5		400 to 3000 x 200 30 to 200 x 10
Differential Pressure in increments of	1 to 800 1 in. water	2.5 to 2000 2.5 mbar	2 to 1600 2 in. water	5 to 4000 5 mbar
Accuracy of differential pressure to	0.03% +0.08 in. water	0.03% +0.2 mbar	0.03% +0.12 in. water	0.03% +0.3 mbar
Typical discrimination	0.02 in water	0.05 mbar	0.05 in water	0.12 mbar
Typical repeatability	0.04 in. water	0.1 mbar	0.05 in. water	0.12 mbar

The superior manufacturer of Pressure Calibration equipment

Budenberg created their tradition of manufacturing quality, precision instruments in 1849 with the patented Schaffer diaphragm gauge. It is the established market leader in the field of supply and service of Pressure Calibration equipment to meet primary standards, has provided a joint portfolio of products and services to satisfy the requirements of clients in industry, in quality control and in accredited laboratories.

ACCESSORIES

There are many accessories which can be supplied for use with the Dead-weight testers. These include liquid / liquid seals, two gauge stands and many others. Budenberg have extensive experience in the use of Dead-weight testers and can supply accessories for many applications. A separate data sheet of accessories is available.

PACKING DETAILS

The 249T comes palletised ready for shipment by road, air and sea

SPARES, REPAIR AND RE-CERTIFICATION

Comprehensive service and calibration capability of both Budenberg and non Budenberg test equipment: Dead-weight Testers (working service or full overhaul).
Portable calibrators (Budenberg & non- Budenberg).
Comparators.
All accuracy ranges can be supplied with UKAS Calibration Certificates.
Certification traceable to national standards.
Rapid turn-around times and hire items available as a temporary replacement for strategically important plant.

For further information on Accessories, Repairs & Recertification contact Budenberg and ask for a Data sheet.

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