



Industrial Range

MODELS
249T
439TP



- ▶ 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

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Differential Dead-Weight Testers

The superior manufacturer of Pressure Calibration equipment

Budenberg created their tradition of manufacturing quality, precision instruments in 1849 with the patented Schaffer diaphragm gauge.

Joining forces in 1994 with Desgranges & Huot, 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.



249T SERIES HIGH PRESSURE DIFFERENTIAL DEAD-WEIGHT TESTER

Ranges to 200 bar static: 4000 mbar differential.

Static pressure accuracy to 0.01%.

Differential pressure accuracy to 0.03% + 0.2 mbar.

All units supplied with Certification traceable to National standards.

UKAS Certificate is available through our Pressure Standards laboratory 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



439TP SERIES LOW PRESSURE DIFFERENTIAL DEAD-WEIGHT TESTER

Ranges 15 to 1000 mbar static:
differential from 5 mbar.

Standard accuracy to 0.015%.

Class 'A' accuracy to 0.008%.

All units supplied with
Certification traceable to
National standards.

UKAS Certificate is available
through our Pressure Standards
laboratory as an optional extra.

RANGES AVAILABLE

mbar.	15 - 1000
kPa.	1.5 - 100
in. water.	5 - 400
mm water.	150 - 10,000

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