



Industrial Range

# PORTABLE DEAD-WEIGHT TESTERS PRODUCT RANGE



- ▶ Ranges from -1 bar to 70 bar
- ▶ Standard Accuracy to 0.015%

Hydraulic and  
Pneumatic  
Portable  
Dead-Weight  
Testers.  
Primary standards  
for Pressure  
Calibration

- ▶ Class 'A' Accuracy to 0.006%
- ▶ Software supplied with all models



DH-Budenberg  
The Pressure Reference



## 278 SERIES HYDRAULIC PORTABLE DEAD-WEIGHT TESTER

Ranges 1 to 70 bar.  
 Supplied with PC Software.  
 Standard accuracy to 0.05%.  
 All units supplied with Certification traceable to National standards.  
 UKAS Certificate is available through our Pressure Standards laboratory as an optional extra.

### RANGES AVAILABLE

#### Range 1-70 bar

On 1/8 in<sup>2</sup> piston. 1 - 9.5 bar x 0.5 bar  
 On 1/80 in<sup>2</sup> piston. 10 - 70 bar x 5 bar  
 Piston with making up  
 Weight. 1 or 10 bar  
 3 Weights. 2 or 20 bar  
 2 Weights. 1 or 10 bar  
 1 Weight. 0.5 or 5 bar

#### Range 10-1000 lb/in<sup>2</sup>

On 1/8 in<sup>2</sup> piston. 10 - 100 lb/in<sup>2</sup> x 1 lb/in<sup>2</sup>  
 On 1/80 in<sup>2</sup> piston. 100 - 1000 lb/in<sup>2</sup> x 10 lb/in<sup>2</sup>  
 Piston. 10 or 100 lb/in<sup>2</sup>  
 4 Weights. 20 or 200 lb/in<sup>2</sup>  
 1 Weight. 10 or 100 lb/in<sup>2</sup>  
 1 Weight. 5 or 50 lb/in<sup>2</sup>  
 2 Weights. 2 or 20 lb/in<sup>2</sup>  
 1 Weight. 1 or 10 lb/in<sup>2</sup>

### OPTIONAL EXTRAS

#### Bar

2 Weights. 0.2 or 2 bar  
 1 Weight. 0.1 or 1 bar  
 1 Weight. 0.05 or 0.5 bar  
 2 Weights. 0.02 or 0.1 bar  
 1 Weight. 0.01 or 0.1 bar

### OPTIONAL EXTRAS

#### lb/in<sup>2</sup>

2 Weights. 2 or 20 lb/in<sup>2</sup>  
 1 Weight. 1 or 10 lb/in<sup>2</sup>  
 1 Weight. 0.5 or 5 lb/in<sup>2</sup>  
 2 Weights. 0.2 or 2 lb/in<sup>2</sup>  
 1 Weight. 0.1 or 1 lb/in<sup>2</sup>



## 279 SERIES HYDRAULIC PORTABLE DEAD-WEIGHT TESTER

Ranges 1 to 40 bar.  
 Supplied with PC Software.  
 Standard accuracy to 0.05%.  
 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

#### Range 1-15 bar

Piston with making up  
 Weight. 1 bar  
 1 Weight. 4 bar  
 1 Weight. 5 bar  
 2 Weights. 2 bar  
 1 Weight. 1 bar  
 1 Weight. 0.5 bar

#### Range 10-200 lb/in<sup>2</sup>

Piston. 10 lb/in<sup>2</sup>  
 1 Weight. 40 lb/in<sup>2</sup>  
 1 Weight. 50 lb/in<sup>2</sup>  
 1 Weight. 20 lb/in<sup>2</sup>  
 2 Weights. 10 lb/in<sup>2</sup>  
 1 Weight. 5 lb/in<sup>2</sup>

#### Range 1-40 bar

As above plus  
 5 Weights. 5 bar

#### Range 10-600 lb/in<sup>2</sup>

As above plus  
 4 Weights. 100 lb/in<sup>2</sup>

### OPTIONAL EXTRAS

#### Bar

1 Weight. 0.4 bar  
 1 Weight. 0.2 bar  
 1 Weight. 0.1 bar  
 2 Weights. 0.04 bar  
 1 Weight. 0.02 bar

### OPTIONAL EXTRAS

#### lb/in<sup>2</sup>

1 Weight. 4 lb/in<sup>2</sup>  
 1 Weight. 2 lb/in<sup>2</sup>  
 1 Weight. 1 lb/in<sup>2</sup>  
 2 Weights. 0.4 lb/in<sup>2</sup>  
 1 Weight. 0.2 lb/in<sup>2</sup>



## 439P SERIES PNEUMATIC PORTABLE DEAD-WEIGHT TESTER

Ranges 15 to 1000 mbar.  
 Supplied with PC Software.  
 Standard accuracy to 0.015%.  
 Class 'A' accuracy to 0.006%.  
 All units supplied with Certification traceable to National standards.  
 UKAS Certificate is available through our Pressure Standards laboratory as an optional extra.

### RANGES AVAILABLE

#### Range 15-1000 mbar

Piston+ 15 mbar  
 1 Weight. 5 mbar  
 3 Weights. 20 mbar  
 2 Weights. 10 mbar  
 6 Weights. 50 mbar  
 6 Weights. 100 mbar

#### Range 5-400 in Water

Piston+ 5in Water  
 1 Weight. 45in Water  
 2 Weights. 100in Water  
 2 Weights. 50in Water  
 2 Weights. 20in Water  
 1 Weight. 10in Water  
 1 Weight. 5in Water  
 2 Weights. 2in Water  
 1 Weight. 1in Water



## 439TP SERIES PNEUMATIC DIFFERENTIAL PORTABLE DEAD-WEIGHT TESTER

Ranges 15 to 1000 mbar.  
 Supplied with PC Software.  
 Standard accuracy to 0.015%.  
 Class 'A' accuracy to 0.006%.  
 All units supplied with Certification traceable to National standards.  
 UKAS Certificate is available through our Pressure Standards laboratory as an optional extra.

### RANGES AVAILABLE

#### Range 15-1000 mbar

Piston+ 15 mbar  
 2 Weights. 5 mbar  
 3 Weights. 20 mbar  
 3 Weights. 10 mbar  
 6 Weights. 50 mbar  
 6 Weights. 100 mbar  
 2 Weights. 2 mbar  
 1 Weight. 1.5 mbar  
 1 Weight. 1 mbar  
 2 Weights. 65 mbar (balancing)

#### Range 5-400 in Water

Piston+ 5in Water  
 1 Weight. 45in Water  
 2 Weights. 100in Water  
 2 Weights. 50in Water  
 2 Weights. 20in Water  
 1 Weight. 10in Water  
 1 Weight. 5in Water  
 2 Weights. 2in Water  
 1 Weight. 1in Water  
 1 Weight. 0.5in Water

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



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