

BGH600DWT

Single Range Tester



- ▶ Ranges from 1 to 40 bar
- ▶ Standard accuracy to 0.015%
- ▶ Class 'A' accuracy to 0.008%
- ▶ Supplied with integral pressure controls

All weights are top loading for ease of use and weight sets are fully interchangeable. This means that weight sets in alternative pressure units are readily available.

The base features a single area screwpress which allows low pressure priming and high pressure control. The BGH600DWT is a robust design, proven over many years usage. The unit has a 1/16in² fully hardened and stabilised tool steel piston.

This unit gives extremely good sensitivity for high accuracy calibration, yet is tough enough for regular use in a workshop environment.

When supplied with the carry case set, this is a fully portable hydraulic deadweight tester.



Hydraulic Dead Weight Tester Primary standards for Pressure Calibration

ACCURACY

All certificates issued for Budenberg Dead-weight Testers are fully traceable to national standards via equipment with UKAS calibration certificates. A standard accuracy of 0.015% is achieved from 10% of range using software supplied to compensate for the effects of gravity, temperature and the actual area of piston unit. Standard accuracy without any corrections for actual area is 0.02% from 6 to 40 bar, 0.03% from 1 to 6 bar. Higher accuracy Class A testers are available (supplied with UKAS Calibration certificates for area and mass) allowing an accuracy of 0.008% to be achieved.

WEIGHTS SUPPLIED

bar or kg/cm ² Range 1-40	kPa Range 100-4000	lb/in ² Range 10-600
Piston 1 1 wt 0.5 1 wt 1 2 wts 2 1 wt 4 6 wts 5	Piston 100 1 wt 50 1 wt 100 2 wts 200 1 wt 400 6 wts 500	Piston 10 1 wt 5 2 wts 10 2 wts 40 1 wts 100 2 wts 200
Optional fine increment weights 1 wt 0.4 1 wt 0.2 1 wt 0.1 2 wts 0.04 1 wt 0.02	1 wt 40 1wt 20 1wt 10 2 wts 4 1wt 2	1 wt 4 1 wt 2 1 wt 1 2 wts 0.4 1 wt 0.2

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.

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

Packaging is dependent on configuration.



1/119 Delta Street Geebung QLD 4034
www.proconit.com.au
sales@proconit.com.au
07 3823 1922