

BGH2600

Dual Range Tester



- ▶ Ranges from 1 to 2600 bar
- ▶ Standard accuracy to 0.015%
- ▶ Class 'A' accuracy to 0.008%
- ▶ Supplied with integral pressure controls

The base features a high pressure dual area screw-press which allows for low pressure priming and high pressure control. The base incorporates high pressure hydraulic connections and pipework, connected to a gauge stand which uses Budenberg's standard high pressure cone-joint connections. The piston stand is elevated from the base to allow an overhang weight set to be used, giving extra stability at higher pressures. Additional support is provided in the base by means of five adjustable feet, one of which directly supports the piston and mass set.

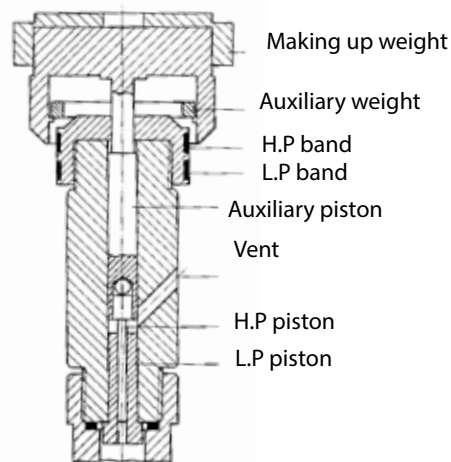


Hydraulic Dead Weight Tester Primary standards for Pressure Calibration

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 0.02% is achieved from between 6 and 1200 bar using software supplied to allow the user to compensate for the effects of gravity and temperature. In other parts of the pressure range, the standard accuracy is 0.025% from 1 to 6 bar, 0.03% from 1200 to 1800 bar and 0.04% from 1800 to 2600 bar. High accuracy Class A testers are available supplied with detailed Area and Mass certificate of calibration allowing an accuracy of 0.01% to be achieved from 6 to 2600 bar.

The BGH2600 uses a well-proven patented design in it's dual area piston /cylinder unit with 1/8in² and 1/160in² areas. Changing between ranges is fully automated, meaning that users have an extremely flexible instrument covering the range with one piston/cylinder assembly and one weight set. The low pressure piston/high pressure cylinder is tungsten carbide, other parts are fully hardened and stabilised tool steel.



WEIGHTS SUPPLIED

bar or kg/cm ² Low range (**)	MPa Low range (**)	lb/in ² Low range (**)
1 - 50	0.1 - 5	10 - 600
High range 20 - 2600	High range 2 - 260	High range 200 - 40000
Piston 1 or 20 top loading 1 wt 9 or 180 top loading 3 wts 10 or 200 top loading 1 wt 5 or 100 top loading 2 wts 2 or 40 top loading 1 wt 1 or 20 top loading 2 wts 0.5 or 10 top loading Overhang & m.u.wt 10 or 200 7 wts 10 or 200 annular	Piston 0.1 or 2 top loading 1 wt 0.9 or 18 top loading 3 wts 1 or 20 top loading 1 wt 0.5 or 10 top loading 2 wts 0.2 or 4 top loading 1 wt 0.1 or 2 top loading 2 wts 0.05 or 1 top loading Overhang & m.u.wt 1 or 20 7 wts 1 or 20 annular	Piston 10 or 200 top loading 1 wt 90 or 1800 top loading 4 wts 100 or 2000 top loading 1 wt 50 or 1000 top loading 2 wts 20 or 400 top loading 1 wt 10 or 200 top loading 1 wts 5 or 100 top loading Overhang & m.u.wt 100 or 2000 14 wts 100 or 2000 annular

** Use Top Loading weights on low range only

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

1 carton containing base, tool roll and piston unit:
59 x 49 x 38cm. 0.110m³, Nett 20kg, Gross 22kg.
Up to 5 cartons containing weights:
32 x 32 x 31cm. 0.04m³, Nett 25kg, Gross 30kg each.



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