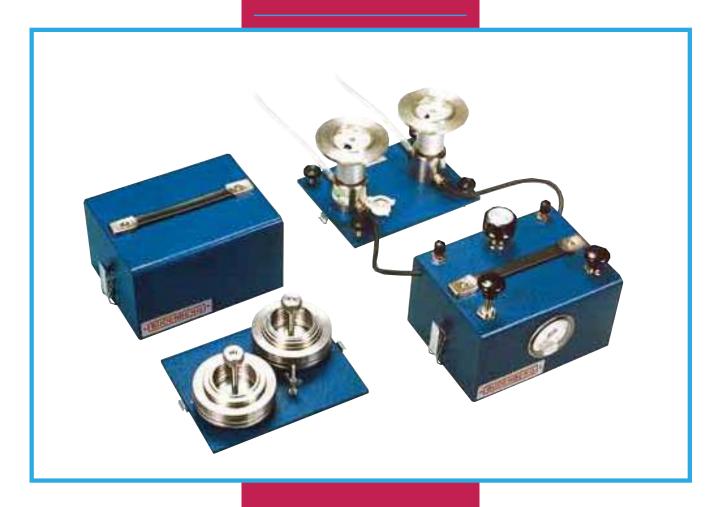
Industrial Range MODEL BGP2DP



- Ranges from 15 to 2000 mbar
- Standard Accuracy to 0.015%

Portable
Dead-Weight
Testers.

Primary standards for Pressure Calibration

- UKAS Area and Mass Accuracy to 0.006%
- Supplied with integral pressure generation

Industrial Range

MODEL

BGP2DP

Portable **Dead Weight Testers**

Primary standards for Pressure Calibration

Standard Accuracy to 0.015% Class A with UKAS Calibration Certificate 0.006%

mbar 15 to 2000 1.5 to 200 kPa 5 to 800 150 to 20,000

The BGP2DP Portable Dead Weight Tester is a fully selfcontained primary differential pressure standard. Its ergonomic carry case contains the pistoncylinder units, mass sets, pumps, indicating gauge and connection hoses - everything needed to carry out on-site, high-accuracy pressure calibrations

The BGP2DP has a 1/2in² high chrome steel piston/cylinder units. The design has been proven over many years to provide excellent sensitivity and stability. Low start pressure is achieved through use of a hollow piston and aluminium head.

NOTE: Model BGP2DP can be used on vacuum with a model 24 adaptor for standard negative gauge pressure calibrations



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 100 to 2000 mbar, 0.04% from 15 to 100 mbar. Higher accuracy "Class A" testers are available (supplied with UKAS Calibration certificates for area and mass) allowing an accuracy of 0.006% to be achieved.

WEIGHTS SUPPLIED

15 to 2000 mbar	1.5 to 200 kPa	5 to 800 in. water	150 to 20,000 mm. water
Piston ⁺ 15 1 wt 5 3 wts 20 2 wts 10 6 wts 50 6 wts 100 overhang 1000 weight † includes making-up weight or screw	Piston⁺ 1.5 1 wt 0.5 3 wts 2 2 wts 1 6 wts 5 6 wts 10 overhang 100 weight	Piston* 5 1 wt 45 2 wts 100 2 wts 50 2 wts 20 1 wt 10 1 wt 5 2 wts 2 1 wt 1 overhang 400 weight	Piston* 150 1 wt 850 3 wts 2000 2 wts 1000 1 wt 500 2 wts 200 1 wt 100 1 wt 50 1 wt 55 overhang 10000 weight

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 complete tester, approx: 50x25x25cm., Gross 20kg.

SPARES, REPAIR AND RE-CERTIFICATION

Comprehensive service and calibration capability of both Budenberg and non Budenberg test equipment: Deadweight 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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