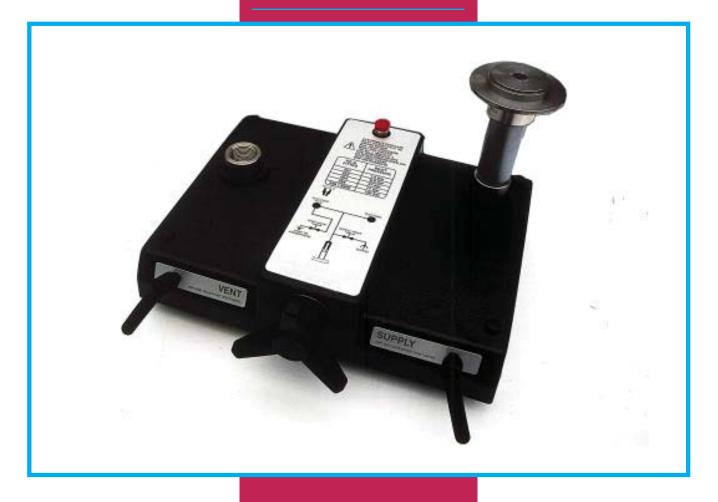
### **Industrial Range**

**MODEL** 

# BGP7



- Ranges from 0.1 to 7 bar
- StandardAccuracy to0.015%

Pneumatic Dead-Weight Testers.

Primary standards for Pressure Calibration

- Class 'A'
  Accuracy to
  0.006%
- Supplied with integral pressure controls

## **Industrial Range**

MODEL BGP7

**Pneumatic Dead-Weight** Testers.

### Primary standards for Pressure Calibration

Standard Accuracy to 0.015% Certificate 0.006% RANGES:

Bar 0.1 to 7 10 to 700 lb/in<sup>2</sup> kg/cm<sup>2</sup> 0.1 to 7

The BGP base can be used with any BGP series pistons, allowing testing from 15 mbar to 120 bar. The base requires a supply of Gas slightly above the test pressure, and has precision inlet/outlet valves and a screwpress to enable easy regulation and adjustment of pressure.

The BGP7 has a 0.5in<sup>2</sup> high chrome steel piston/cylinder unit which operates on pure Gas. The design has been proven over many years to achieve the necessary sensitivity whilst remaining robust enough for heavy industrial use.



#### **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 0.7 to 7 bar, 0.03% from 0.1 to 0.7 bar. 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

+ includes making-up weight or screw

0.1 to 7 bar 0.1 to 7 kg/cm²		10 to 700 kPa		1 to 100 lb/in <sup>2</sup>	
Piston+ 1 wt 2 wts 5 wts 2 wts 1 wt 1 wt	0.1 0.4 0.5 1 0.2 0.1 0.05	Piston + 1 wt 2 wts 5 wts 2 wts 1 wt 1 wt	10 40 50 100 20 10 5	Piston 1 wt 2 wt 8 wts 2 wts 1 wt 1 wt	1 4 5 10 2 1 0.5
Optional 2 wts 1 wt 1 wt	fine increment weights 0.02 0.01 0.005	2 wt 1 wt 1 wt	2 1 0.5	2 wts 1 wt 1 wt	0.2 0.1 0.05

#### **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 Deadweight 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: 51 x 49 x 30cm. 0.075m<sup>3</sup>, Nett 18kg, Gross 21kg. 1 carton containing weights:

25 x 25 x 29cm. 0.018m<sup>3</sup>, Nett 22kg, Gross 25kg.

#### 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.

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

Budenberg -

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