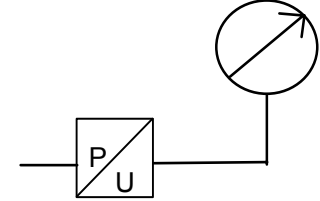



The Type 300D portable pressure meter is a digital unit designed for the calibration and test of pneumatic instruments and systems.

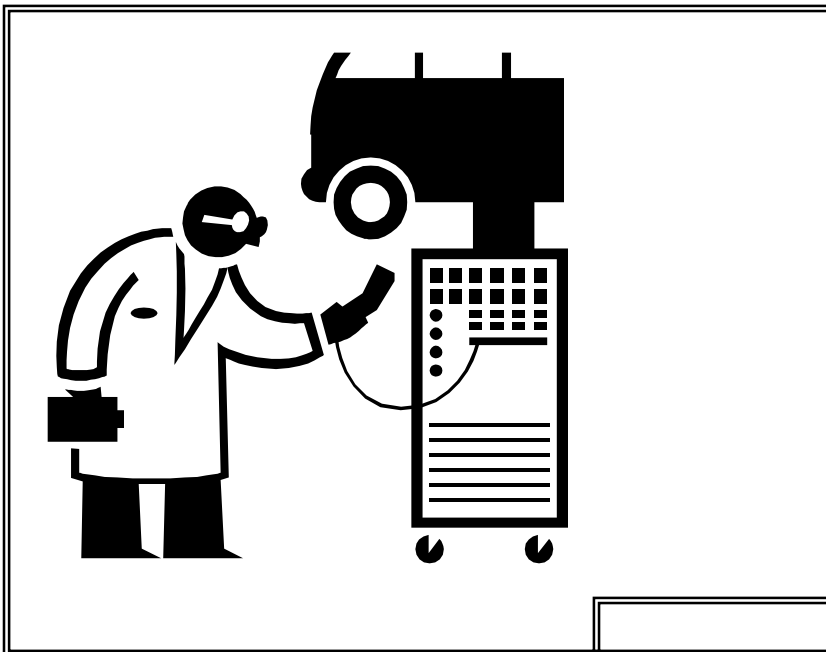
With Automatic Zero Calibration for added accuracy, a back-light for easy reading and standard set-up retention to ensure the last setting remains on the unit when re-powered.

- Hand-held and Easy to Operate
- Selectable Units of Pressure
- Battery operated; up to 200 hrs life
- IP65 Rated; Housed in robust plastic case

**TYPE 300D  
PORTABLE PRECISION PRESSURE METER**



**Functional Symbol**



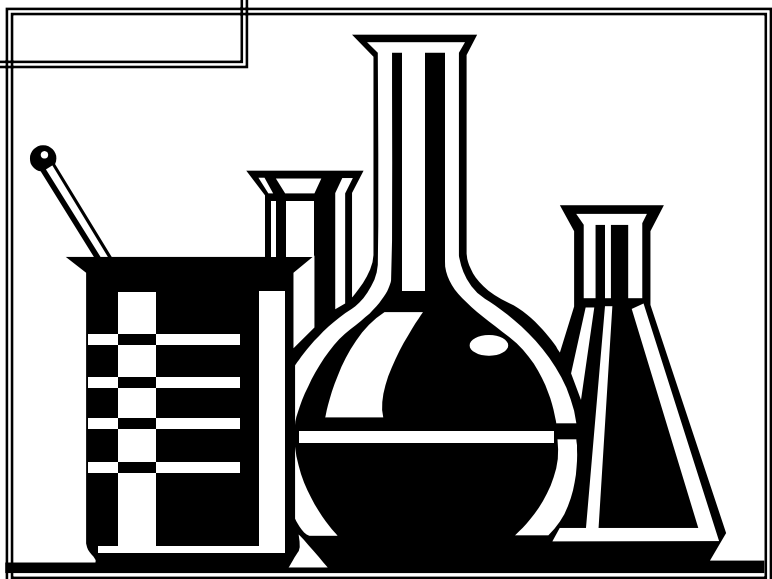
**Industry:**

Designed for any industry which requires precise, stable readings even in the most demanding conditions.

**Solution:**

When it comes to performance under pressure, the Type 300D portable digital pressure meter is in a league of its own. It is easy to operate, reliable and built to last, it is specifically developed in order to meet the performance and cost demands of today's industry.

With the ability to test for leaks over a wide range of applications. Simply prime the instrument with the relevant pre-stress pressure level, start pressure, test time and the allowable pressure change, and you're ready to go!



## TECHNICAL DATA







### Technical Details

- Input pressure range Up to 150psig, 10bar, 1000kPa
- Over pressure Overrange protection: 'OUT' also shows on display
- Pressure media Dry, non corrosive air or gas. The units are not suitable for continuous liquid exposure
- Display 12.7mm/0.5" Custom LCD
- Power 2 AA (or equivalent) batteries
- Consumption Batteries last approx 200 hours
- Low battery voltage Display shows symbol at approx. 6.5V
- Auto Switch-off Approx 12 mins

### Construction

- Casing Moulded plastic, black finish
- Dimensions/Weight 155 x 67 x 40mm (6.1 x 2.6 x 1.6") 180g - (251g inc. battery)
- Environmental Spec. IP65 (with hose connected)

#### •Push-Button Description-

- Max/Min:  Enables max/min pressures to be determined as well as current operating pressure
- Hold:  Freezes the reading
- Unit:  Choice of 10 units of pressure
- Zero:  To Zero the instrument in the set reading orientation
- Range Lock:  To set the instrument to the lower resolution only
- Smooth:  Averages measurements fore a more stable reading

### Accuracy

- Calibration +/-0.1%FS
- Hysteresis, Linearity +/-0.15%FS +/- 1 digit total
- Temperature Coefficients: Zero +/0.0025% FS/°C Max  
Span +/0.0025% FS/°C Max
- Stability over 6 months +/-0.2%max
- Operating temperature -10°C to +50°C / +14°F to 122°F
- Storage temperature -20°C to +60°C

**Note:** figures given are typical and not absolute for all units manufactured

### Order Information

Range	Part number
0-10.00bar	603500D
0-2bar	603900D

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ds300DN 10/06  
Controlled Doc. 2006-127a

*All instruments are tested on the Watson Smith Automatic Testing System and an individual test certificate is provided at no extra charge. Each unit is tested for linearity, hysteresis, total error, air consumption, response time and supply sensitivity.*

***Our policy is one of continuous research and development. We therefore reserve the right to amend without notice the specifications given in this document. Customers are responsible for ensuring that the product is used only for the purpose for which it is intended. In case of doubt Norgren will be pleased to advise.***