

WatsonSmith

PORTABLE PRECISION PRESSURE METER TYPE 300D

FEATURES

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

GENERAL DESCRIPTION

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.

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" 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

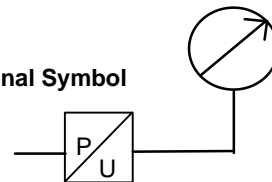
- Casing Moulded plastic, black finish
- Dimensions 150*80*30mm
- Weight 180g (inc. battery)

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: ToZero the instrument in the set reading orientation
- Range Lock: To set the instrument to the lower resolution only
- Smooth: Averages measurements for a more stable reading



Functional Symbol



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 to 50°C
- 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	53603500D