

## PS100 Series Differential Pressure Manometers



**Extech's Differential Pressure Manometers series are ideal for field, manufacturing or lab/R&D use. Three models offer ranges for various applications: 1psi, 6psi, 15psi. Each model displays readings in 11 units with high resolution.**

**Applications:**

- HVAC: Pressure drop at filters and pressure loss in ducts
- Testing pneumatic controls and pressurized equipment in manufacturing
- Clean rooms and medical equipment
- Testing and adjusting regulators
- Positive pressure testing in clean rooms & operating rooms
- Boiler installation and gas furnace pressure switch testing

### Features

- Three models to choose from:
  - Model PS101 ( $\pm 1$ psi range)
  - Model PS106 ( $\pm 6$ psi range)
  - Model PS115 ( $\pm 15$ psi range)
- 11 units of measure to choose from
- Manually store/recall 99 readings
- Max/Min recording and Relative time stamp
- Data Hold and Auto power off with disable
- Large LCD display with backlighting
- Zero function for offset correction or measurement
- Complete with six AAA batteries, two connection hoses and hard carrying case

Specifications	PS101 Range / Max Resolution		PS106 Range / Max Resolution		PS115 Range / Max Resolution		Basic Accuracy
psi	1psi	0.001psi	6psi	0.001psi	15psi	0.001psi	$\pm 1\%FS$
kPa	6.89kPa	0.01kPa	41.37kPa	0.01kPa	103.42kPa	0.01kPa	$\pm 1\%FS$
mmHg	51.7mmHg	0.1mmHg	310.3mmHg	0.1mmHg	775.7mmHg	0.1mmHg	$\pm 1\%FS$
kgcm <sup>2</sup>	0.07kgcm <sup>2</sup>	0.001kgcm <sup>2</sup>	0.422kgcm <sup>2</sup>	0.001kgcm <sup>2</sup>	1.055kgcm <sup>2</sup>	0.001kgcm <sup>2</sup>	$\pm 1\%FS$
mbar	68.9mbar	0.1mbar	413.7mbar	0.1mbar	1034.2mbar	0.1mbar	$\pm 1\%FS$
bar	0.069bar	0.001bar	0.414bar	0.001bar	1.034bar	0.001bar	$\pm 1\%FS$
inH <sub>2</sub> O	27.68inH <sub>2</sub> O	0.01inH <sub>2</sub> O	166.08inH <sub>2</sub> O	0.01inH <sub>2</sub> O	415.20inH <sub>2</sub> O	0.01inH <sub>2</sub> O	$\pm 1\%FS$
mmH <sub>2</sub> O	703mmH <sub>2</sub> O	1mmH <sub>2</sub> O	4218mmH <sub>2</sub> O	1mmH <sub>2</sub> O	10546mmH <sub>2</sub> O	1mmH <sub>2</sub> O	$\pm 1\%FS$
inHg	2.036inHg	0.001inHg	12.216inHg	0.001inHg	30.5inHg	0.001inHg	$\pm 1\%FS$
ftH <sub>2</sub> O	2.307ftH <sub>2</sub> O	0.001ftH <sub>2</sub> O	13.840ftH <sub>2</sub> O	0.001ftH <sub>2</sub> O	34.6ftH <sub>2</sub> O	0.001ftH <sub>2</sub> O	$\pm 1\%FS$
ozin <sup>2</sup>	16.00ozin <sup>2</sup>	0.01ozin <sup>2</sup>	96.00ozin <sup>2</sup>	0.01ozin <sup>2</sup>	240.00ozin <sup>2</sup>	0.01ozin <sup>2</sup>	$\pm 1\%FS$
Dimensions/Wt	6.7 x 3.1 x 1.4" (169 x 78.3 x 34.4mm)/7oz (200g)						

### Ordering

- PS101 ..... Differential Pressure Manometer (1psi)
- PS106 ..... Differential Pressure Manometer (6psi)
- PS115 ..... Differential Pressure Manometer (15psi)

