

# 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 ( $\pm 1\text{psi}$  range)
  - Model PS106 ( $\pm 6\text{psi}$  range)
  - Model PS115 ( $\pm 15\text{psi}$  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
kPa	6.89kPa	0.01kPa	41.37kPa	0.01kPa
mmHg	51.7mmHg	0.1mmHg	310.3mmHg	0.1mmHg
kgcm <sup>2</sup>	0.07kgcm <sup>2</sup>	0.001kgcm <sup>2</sup>	0.422kgcm <sup>2</sup>	0.001kgcm <sup>2</sup>
mbar	68.9mbar	0.1mbar	413.7mbar	0.1mbar
bar	0.069bar	0.001bar	0.414bar	0.001bar
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
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
inHg	2.036inHg	0.001inHg	12.216inHg	0.001inHg
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
ozin <sup>2</sup>	16.00ozin <sup>2</sup>	0.01ozin <sup>2</sup>	96.00ozin <sup>2</sup>	0.01ozin <sup>2</sup>
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)



# Mouser Electronics

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