

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 (± 1 psi range)
 - Model PS106 (± 6 psi range)
 - Model PS115 (± 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 ² | 0.07kgcm ² | 0.001kgcm ² | 0.422kgcm ² | 0.001kgcm ² | 1.055kgcm ² | 0.001kgcm ² | $\pm 1\%$ 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 ₂ O | 27.68inH ₂ O | 0.01inH ₂ O | 166.08inH ₂ O | 0.01inH ₂ O | 415.20inH ₂ O | 0.01inH ₂ O | $\pm 1\%$ FS |
| mmH ₂ O | 703mmH ₂ O | 1mmH ₂ O | 4218mmH ₂ O | 1mmH ₂ O | 10546mmH ₂ O | 1mmH ₂ O | $\pm 1\%$ FS |
| inHg | 2.036inHg | 0.001inHg | 12.216inHg | 0.001inHg | 30.5inHg | 0.001inHg | $\pm 1\%$ FS |
| ftH ₂ O | 2.307ftH ₂ O | 0.001ftH ₂ O | 13.840ftH ₂ O | 0.001ftH ₂ O | 34.6ftH ₂ O | 0.001ftH ₂ O | $\pm 1\%$ FS |
| ozin ² | 16.00ozin ² | 0.01ozin ² | 96.00ozin ² | 0.01ozin ² | 240.00ozin ² | 0.01ozin ² | $\pm 1\%$ 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)



Mouser Electronics

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