

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
- PC interface with optional software and cable
- 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)

