EXTECH INSTRUMENTS

PRODUCT DATASHEET

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 (±1psi range)
  - Model PS106 (±6psi range)
  - Model PS115 (±15psi 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	±1%FS
kPa	6.89kPa	0.01kPa	41.37kPa	0.01kPa	103.42kPa	0.01kPa	±1%FS
mmHg	51.7mmHg	0.1mmHg	310.3mmHg	0.1mmHg	775.7mmHg	0.1mmHg	±1%FS
$kgcm^2$	$0.07kgcm^2$	$0.001kgcm^2$	$0.422kgcm^2$	$0.001kgcm^2$	$1.055kgcm^2$	$0.001kgcm^2$	±1%FS
mbar	68.9mbar	0.1mbar	413.7mbar	0.1mbar	1034.2mbar	0.1mbar	±1%FS
bar	0.069bar	0.001bar	0.414bar	0.001bar	1.034bar	0.001bar	±1%FS
inH_2O	$27.68inH_2O$	$0.01inH_2O$	$166.08inH_2O$	$0.01inH_2O$	$415.20inH_2O$	$0.01inH_2O$	±1%FS
mmH_2O	$703mmH_2O$	$1mmH_2O$	$4218mmH_2O$	$1mmH_2O$	$10546mmH_2O$	$1mmH_2O$	±1%FS
inHg	2.036inHg	0.001inHg	12.216inHg	0.001inHg	30.5inHg	0.001inHg	±1%FS
ftH_2O	$2.307ftH_2O$	$0.001ftH_2O$	$13.840ftH_2O$	$0.001ftH_2O$	$34.6ftH_2O$	$0.001ftH_2O$	±1%FS
$ozin^2$	$16.00ozin^2$	$0.01ozin^2$	$96.00ozin^2$	$0.01ozin^2$	$240.00ozin^2$	$0.01ozin^2$	±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)

CE

Specifications subject to change without notice. Copyright © 2012-2013 FLIR Systems, Inc. All rights reserved including the right of reproduction in whole or in part in any form.
Rev. 8/7/13