

HD700 Series Differential Pressure Manometers



HD700 - (2psi)

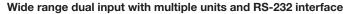
Low Range/High Resolution Gauge or Differential Pressure

- Three models to choose from: Model HD700 (±2psi range), Model HD750 (±5psi range), and Model HD755 (±0.5psi range)
- 11 selectable units of measure
- MAX/MIN recording and Relative time stamp
- Data Hold and Auto power off
- Zero function for offset correction or measurement
- Large LCD display with backlighting
- USB port includes PC software
- · 3 year warranty
- Complete with 9V battery, Windows® compatible software with USB cable, 100-240V Universal AC adaptor, connection hose, built-in stand, and hard carrying case

SPECIFICATIONS	HD700	HD750	HD755
psi	2psi (0.001psi)	5psi (0.001psi)	0.5psi (0.001psi)
inH ₂ O	55.40inH ₂ O (0.01inH ₂ O)	138.3inH ₂ O (0.1inH ₂ O)	13.85inH ₂ O (0.01inH ₂ O)
mbar	137.8mbar (0.1mbar)	344.7mbar (0.1mbar)	34.47mbar (0.01mbar)
kPa	13.78kPa (0.01kPa)	34.47kPa (0.01kPa)	3.447kPa (0.001kPa)
inHg	4.072inHg (0.001inHg)	10.18inHg (0.01inHg)	1.018inHg (0.001inHg)
mmHg	103.4mmHg (0.1mmHg)	258.5mmHg (0.1mmHg)	25.85mmHg (0.01mmHg)
ozin²	32ozin² (0.01ozin²)	80ozin² (0.01ozin²)	8.00ozin² (0.01ozin²)
ftH ₂ O	4.616ftH ₂ O (0.001ftH ₂ O)	11.53ftH ₂ O (0.01ftH ₂ O)	1.154ftH ₂ O (0.001ftH ₂ O)
cmH ₂ O	140cmH ₂ O (0.1cmH ₂ O)	350.1cmH ₂ O (0.1cmH ₂ O)	2.59cmH ₂ O (0.01cmH ₂ O)
kgcm ²	0.140kgcm ² (0.001kgcm ²)	0.351kgcm ² (0.001kgcm ²)	0.035kgcm ² (0.001kgcm ²)
bar	0.137bar (0.001bar)	0.344bar (0.001bar)	0.034bar (0.001bar)
Basic Accuracy	±0.3%FS	±0.3%FS	±0.3%FS
Dimensions/Weight	Meter: 8.2x2.9x1.9" (210x75x50mm)/ 9.8oz (280g)		

ORDERING	
HD700 N	Differential Pressure Manometer (2psi)
HD750 N	Differential Pressure Manometer (5psi)
HD755 N	Differential Pressure Manometer (0.5psi)

407910 Heavy Duty Differential Pressure Manometer



- Dual differential inputs with internal sensors
- Wide (±802 inches of water) measurement range with high resolution to 0.5 inch
- Displays 8 types of pressure units
- Zero function for offset measurements
- Data Hold, Auto power off, and MAX/MIN
- Built-in RS-232 PC interface optional 407001 Data Acquisition software (see p. 114 for details)
- 3 year warranty
- Complete with 2 quick-disconnect fittings, 9V battery, protective holster with stand, and case

SPECIFICATIONS	RANGE	RESOLUTION	BASIC ACCURACY
psi	±29psi	0.02psi	±1% FS
mbar	±2000mbar	1mbar	±2% FS
kg/cm ²	±2.040kg/cm ²	0.001kg/cm ²	±1% FS
mmHg	±1500mmHg	1mmHg	±1% FS
inHg	±59.05inHg	0.05inHg	±1% FS
mH ₂ O	±20.40mH ₂ O	0.01mH ₂ O	±1% FS
inH ₂ O	±802.0inH ₂ O	0.5inH ₂ O	±1% FS
Atmosphere	±1.974atm	0.001atm	±1% FS
Dimensions/Weight	Meter: 7x2 9x1 3" (178x	74x33mm)/12oz (350g)	

ORDERING	
407910 N	Heavy Duty Differential Pressure Manometer
156119	117VAC Adaptor
409997	Soft Vinyl Carrying Case

