

**407910**

## Heavy Duty Differential Pressure Manometer

**\$229**

Wide range dual input with multiple units and RS-232 interface

### Features:

- Dual differential inputs with internal sensors
- Wide ( $\pm 802$  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 Min/Max functions
- Built-in RS-232 PC interface
- Includes 2 quick disconnect fittings, 9V battery, protective holster with stand, and case



Optional 407001 Data Acquisition software or datalogger (See p. 75 for details).



### Specifications

Function	Range	Resolution	Basic Accuracy
mbar	$\pm 2000$ mbar	1mbar	$\pm 2\%$ FS
psi	$\pm 29$ psi	0.02psi	$\pm 1\%$ FS
kg/cm <sup>2</sup>	$\pm 2.040$ kg/cm <sup>2</sup>	0.001kg/cm <sup>2</sup>	$\pm 1\%$ FS
mmHg	$\pm 1500$ mmHg	1mmHg	$\pm 1\%$ FS
inHg	$\pm 59.05$ inHg	0.05inHg	$\pm 1\%$ FS
mH <sub>2</sub> O	$\pm 20.40$ mH <sub>2</sub> O	0.01mH <sub>2</sub> O	$\pm 1\%$ FS
inH <sub>2</sub> O	$\pm 802.0$ inH <sub>2</sub> O	0.5inH <sub>2</sub> O	$\pm 1\%$ FS
Atmosphere	$\pm 1.974$ atm	0.001atm	$\pm 1\%$ FS
CE/Warranty	CE approved, 3 years		
Dimensions/Weight	7x2.9x1.3" (178x74x33mm)/12oz (350g)		

### Metal Input Connectors



- Metal input connections with two quick-disconnect fittings

### Ordering:

407910	Heavy Duty Manometer	\$229
407910-NIST	Heavy Duty Manometer with NIST Certificate	\$374
156119	117VAC Adaptor	\$17
409997	Soft Vinyl Pouch Carrying Case	\$19
407001	Data Acquisition software and Cable	\$69

**407495**

## Heavy Duty Pressure Meter

**\$199**

Meter stores range and calibration data for six pressure transducers

### Features:

- Accepts interchangeable transducers with ranges of 30, 75, 150, 300, 700, and 1500psi
- 0.25%FS basic accuracy
- Displays 8 types of pressure units
- Push button transducer selection
- Built-in RS-232 PC interface
- Data Hold, Auto power off, Min/Max and Zero function for offset correction
- CE approved, 3 year warranty
- Dimensions: 7.1x2.9x1.3" (180x72x32mm) Weight: 0.76lbs (345g)
- Includes 9V battery and holster with stand (transducer with 3.9ft (1.2m) cable sold separately)



Optional 407001 Data Acquisition software or datalogger (See p. 75 for details).



### Specifications

Sensor Type	30psi Ranges	75psi Ranges	150psi Ranges	300psi Ranges	700psi Ranges	1500psi Ranges
bar	0.002 to 2	0.005 to 5	0.01 to 10	0.02 to 20	0.05 to 50	0.1 to 100
psi	0.02 to 29	0.1 to 72.5	0.2 to 145	0.2 to 290	1 to 725	2 to 1450
kg/cm <sup>2</sup>	0.002 to 2.040	0.005 to 5.095	0.01 to 10.19	0.02 to 20.40	0.05 to 50.95	0.1 to 101.9
mmHg	2 to 1500	5 to 3750	10 to 7500	20 to 15000	50 to 37500	100 to 75000
inHg	0.05 to 59.05	0.1 to 147.6	0.2 to 295.2	0.5 to 590.5	1 to 1476	2 to 2952
mH <sub>2</sub> O	0.02 to 20.40	0.05 to 50.95	0.1 to 101.9	0.2 to 204.0	0.5 to 509.5	1 to 1019
inH <sub>2</sub> O	1 to 802	2 to 2006	5 to 4010	10 to 8020	20 to 20050	50 to 40100
Atm	0.002 to 1.974	0.005 to 4.935	0.01 to 9.87	0.02 to 19.74	0.05 to 49.35	0.1 to 98.7

### Ordering

407495	Heavy Duty Pressure Meter	\$199
407495-NIST	Pressure Meter w/ NIST Certificate (up to 300psi)	\$349
PT30	30psi Pressure Transducer	\$299
PT75	75psi Pressure Transducer	\$299
PT150	150psi Pressure Transducer	\$299
PT300	300psi Pressure Transducer	\$299
PT700	700psi Pressure Transducer	\$299
PT1500	1500psi Pressure Transducer	\$299
409997	Soft Vinyl Carrying Case	\$19

5 Pressure Meters