

# Heavy Duty Differential Pressure Manometer



**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
- Displays 8 types of pressure units: mbar, psi,  $\text{kg}/\text{cm}^2$ , mmHg, inHg, mH<sub>2</sub>O, inH<sub>2</sub>O, and atm
- Record/Recall MIN and MAX readings
- Data Hold and Auto Power off
- Zero function for offset measurements
- Basic accuracy:  $\pm 1\%$  of full scale (includes hysteresis)
- Large dual LCD display
- Metal input connections with two quick-disconnect fittings
- Built-in RS-232 PC interface with optional Data Acquisition software and datalogger
- Includes 2 quick disconnect-fittings, 9V battery, protective rubber holster with stand, and carrying case



Specifications	Range	Resolution	Basic Accuracy
mbar	$\pm 2000$ mbar	1mbar	$\pm 2\%$ FS
psi	$\pm 29$ psi	0.02psi	$\pm 1\%$ FS
$\text{kg}/\text{cm}^2$	$\pm 2.040$ $\text{kg}/\text{cm}^2$	0.001 $\text{kg}/\text{cm}^2$	$\pm 1\%$ 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
atm	$\pm 1.974$ atm	0.001atm	$\pm 1\%$ FS
Dimensions	7 x 2.9 x 1.3" (178 x 74 x 33mm)		
Weight	12oz (350g)		

## Ordering Information:

407910 .....Heavy Duty Manometer  
407910-NIST .....407910 with NIST Certificate  
156119 .....117V AC Adaptor  
409997 .....Soft Vinyl Pouch Carrying Case

