



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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, kg/cm<sup>2</sup>, 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 (407001)
- 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	0.01psi	$\pm 1\%$ 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	$\pm 59.06$ inHg	0.02inHg	$\pm 1\%$ 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

