

## 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,  $\text{mH}_2\text{O}$ ,  $\text{inH}_2\text{O}$ , 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   |
| $\text{kg}/\text{cm}^2$ | $\pm 2.040$ $\text{kg}/\text{cm}^2$ | 0.001 $\text{kg}/\text{cm}^2$ | $\pm 1\%$ FS   |
| mmHg                    | $\pm 1500$ mmHg                     | 1mmHg                         | $\pm 1\%$ FS   |
| inHg                    | $\pm 59.06$ inHg                    | 0.02inHg                      | $\pm 1\%$ FS   |
| $\text{mH}_2\text{O}$   | $\pm 20.40$ $\text{mH}_2\text{O}$   | 0.01 $\text{mH}_2\text{O}$    | $\pm 1\%$ FS   |
| $\text{inH}_2\text{O}$  | $\pm 802.0$ $\text{inH}_2\text{O}$  | 0.5 $\text{inH}_2\text{O}$    | $\pm 1\%$ 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