# SPER SCIENTIFIC

# Wide Range Pressure Meter

## Portable Handheld Pressure Meter

Covers a wide pressure range, 0 to 725 psi, not usually found in a single manometer. Compatible with both liquids and gases. Useful in measuring pneumatic pressure, automobile engine vacuum pressure, super heat measurements, hydraulic servo controls, refrigeration, air conditioning, and food processing. Features eight units of measure, min/max, hold, auto power off and an RS232 computer interface. Accuracy of ± (0.5% + 1 d). Comes in a hard carrying case with a 9V battery. Transducers sold separately.

These pressure transducers come with the thread size of 1/4" NPT (per inch 18 teeth) and one adapter connector with the tread size of 1/4 inch PS (per inch 19 teeth). To use the 1/4" NPT threads directly, you will need to remove the adaptor connector from the transducer manually.

DIM: 7" × 3" × 1½" (178 × 76 × 38 mm).
WEIGHT: 13 oz (369 g).

| Transducer | 840066 | | 840067 | | 840068 | | 840069 | | 840070 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Max Range | Res. | Max Range | Res. | Max Range | Res. | Max Range | Res. | Max Range | Res. |
| Bar | 2 | 0.002 | 5 | 0.005 | 10 | 0.01 | 20 | 0.02 | 50 | 0.05 |
| PSI | 29 | 0.02 | 72.5 | 0.1 | 145 | 0.2 | 290 | 0.2 | 725 | 1 |
| Kg cm2 | 2.040 | 0.002 | 5.095 | 0.005 | 10.19 | 0.01 | 20.40 | 0.02 | 50.95 | 0.05 |
| mm Hg | 1500 | 2 | 3750 | 5 | 7500 | 10 | 15000 | 20 | 37500 | 50 |
| In Hg | 59.05 | 0.05 | 147.6 | 0.1 | 295.2 | 0.2 | 590.5 | 0.5 | 1476 | 1 |
| Meter $H_2O$ | 20.40 | 0.02 | 50.95 | 0.05 | 101.9 | 0.1 | 204.0 | 0.2 | 509.5 | 0.5 |
| In $H_2O$ | 802 | 1 | 2006 | 2 | 4010 | 5 | 8020 | 10 | 20050 | 20 |
| Atmospheres | 1.974 | 0.002 | 4.935 | 0.005 | 9.87 | 0.01 | 19.74 | 0.02 | 49.35 | 0.05 |

| No. | Description |
|---|---|
| **840065** | **Wide Range Pressure Meter** |
| 840055 | RS232 48" Cable |
| 840090 | Water Resistant Instrument Pouch |
| 840094 | RS232 to USB Adaptor Cable |
| 850080 | Software |

| No. | Description |
|---|---|
| 840066 | 29 PSI Transducer |
| 840066C | 29 PSI Transducer Calibrated |
| 840067 | 72.5 PSI Transducer |
| 840067C | 72.5 PSI Transducer Calibrated |
| 840068 | 145 PSI Transducer |
| 840068C | 145 PSI Transducer Calibrated |
| 840069 | 290 PSI Transducer |
| 840069C | 290 PSI Transducer Calibrated |
| 840070 | 725 PSI Transducer |
| 840070C | 725 PSI Transducer Calibrated |

1 YEAR WARRANTY    CE    RoHS Compliant 2002/95/EC