

SDL700 Series Differential Pressure Manometers/Dataloggers

Measure and datalog pressure readings with models offering low range of 2.9psi (200mbar), mid-range 29psi (2000mbar), and high range 101.5psi (7000mbar). Dual differential inputs with internal sensors. Manually store up to 99 readings, while SD memory card (included) allows continuous datalogging and readings can easily be exported to an Excel® format for further analysis.

Applications:

- Electric transmission equipment
- Power line
- Microwave oven
- Air conditioner
- Refrigerator
- Computer monitor
- Video/audio device
- Particle accelerators
- MRI
- Industrial & research labs
- Transportation Systems
- Elevators
- Battery Power
- Wind Power



Features

- Three models to choose from:
 - SDL710 (± 2.9 psi range)
 - SDL720 (± 29 psi range)
 - SDL730 (± 101.5 psi range)
- 10 selectable units of measure
- Stores 99 readings manually
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Record/Recall Max/Min readings
- Data Hold and Auto power off with disable
- Large LCD display with backlighting
- Zero function for offset correction or measurement
- Includes six AA batteries, Universal AC Adapter with plugs (US, EU, UK, AUS), SD memory card, two quick coupler plugs, and hard carrying case

| Specifications | SDL710 Range (Max Res) | SDL720 Range (Max Res) | SDL730 Range (Max Res) | Basic Accuracy |
|--------------------|--|--|--|----------------|
| psi | 2.9psi (0.001psi) | 29psi (0.01psi) | 101.5psi (0.05psi) | $\pm 2\%$ FS |
| kPa | 20kPa (0.01kPa) | 200kPa (0.1kPa) | 700kPa (0.5kPa) | $\pm 1\%$ FS |
| hPa | 200hPa (0.1hPa) | 2000hPa (1hPa) | 7000hPa (5hPa) | $\pm 2\%$ FS |
| mmHg | 150mmHg (0.1mmHg) | 1500mmHg (1mmHg) | 5250mmHg (5mmHg) | $\pm 2\%$ FS |
| kg/cm ² | 0.204kg/cm ² (0.001kg/cm ²) | 2.040kg/cm ² (0.001kg/cm ²) | 7.135kg/cm ² (0.005kg/cm ²) | $\pm 2\%$ FS |
| mbar | 200mbar (0.1mbar) | 2000mbar (1mbar) | 7000mbar (5mbar) | $\pm 2\%$ FS |
| inH ₂ O | 80.2inH ₂ O (0.05inH ₂ O) | 802inH ₂ O (0.5inH ₂ O) | 2810inH ₂ O (2inH ₂ O) | $\pm 2\%$ FS |
| mH ₂ O | 2.04mH ₂ O (0.001mH ₂ O) | 20.40mH ₂ O (0.01mH ₂ O) | 71.35mH ₂ O (0.05mH ₂ O) | $\pm 2\%$ FS |
| inHg | 5.905inHg (0.002inHg) | 59.06inHg (0.02inHg) | 206.7inHg (0.1inHg) | $\pm 2\%$ FS |
| Atmosphere | 0.197atm (0.001atm) | 1.974atm (0.001atm) | 6.905atm (0.005atm) | $\pm 2\%$ FS |
| Dimensions | 7.5 x 2.7 x 1.8" (190 x 68 x 45 mm) | | | |
| Weight | 0.59 lbs (265g) | | | |

Ordering

SDL710 Differential Pressure Manometer/Datalogger (2.9psi/200mbar)
 SDL720 Differential Pressure Manometer/Datalogger (29psi/2000mbar)
 SDL730 Differential Pressure Manometer/Datalogger (101.5psi/7000mbar)



SDL710 UPC Code: 793950437100
 SDL720 UPC Code: 793950437209
 SDL730 UPC Code: 793950437308