

## 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<sup>®</sup> format for further analysis.

### Applications:

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



### Features

- Three models to choose from:
  - SDL710 (±2.9psi range)
  - SDL720 (±29psi range)
  - SDL730 (±101.5psi range)
- 10 selectable units of measure
- Stores 99 readings manually
- Datalogger date/time stamps and stores readings on an SD card in Excel<sup>®</sup> 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)	±2%FS
kPa	20kPa (0.01kPa)	200kPa (0.1kPa)	700kPa (0.5kPa)	±1%FS
hPa	200hPa (0.1hPa)	2000hPa (1hPa)	7000hPa (5hPa)	±2%FS
mmHg	150mmHg (0.1mmHg)	1500mmHg (1mmHg)	5250mmHg (5mmHg)	±2%FS
kg/cm <sup>2</sup>	0.204kg/cm <sup>2</sup> (0.001kg/cm <sup>2</sup> )	2.040kg/cm <sup>2</sup> (0.001kg/cm <sup>2</sup> )	7.135kg/cm <sup>2</sup> (0.005kg/cm <sup>2</sup> )	±2%FS
mbar	200mbar (0.1mbar)	2000mbar (1mbar)	7000mbar (5mbar)	±2%FS
inH <sub>2</sub> O	80.2inH <sub>2</sub> O (0.05inH <sub>2</sub> O)	802inH <sub>2</sub> O (0.5inH <sub>2</sub> O)	2810inH <sub>2</sub> O (2inH <sub>2</sub> O)	±2%FS
mH <sub>2</sub> O	2.04mH <sub>2</sub> O (0.001mH <sub>2</sub> O)	20.40mH <sub>2</sub> O (0.01mH <sub>2</sub> O)	71.35mH <sub>2</sub> O (0.05mH <sub>2</sub> O)	±2%FS
inHg	5.905inHg (0.002inHg)	59.06inHg (0.02inHg)	206.7inHg (0.1inHg)	±2%FS
Atmosphere	0.197atm (0.001atm)	1.974atm (0.001atm)	6.905atm (0.005atm)	±2%FS
Dimensions	7.5 x 2.7x 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