

IPD Board- Pressure Transducer Calibration Instruction

The pressure sensor is calibrated at factory before shipping, and it may not be necessary to precede any further calibration.

If a pressure sensor calibration is needed due to a pressure sensor replacement or pressure reading discrepancy, it is very important to calibrate the unit with a high accurate gauge.

A high accurate reference gauge must be connected to the system where it is representative to the pressure applied to the sensor.

Note: By the factory default the unit is set to PSI, to change the unit, move the dip-switch S1-3 to ON position and use the UP or DOWN arrow button to set a desired unit then move the dip-switch to OFF position to save.

- Press and hold the UP arrow button and the RESET button at the same time
- Display goes blank
- Release the RESET button
- Screen is flashing
- Release the UP arrow button

Apply low system pressure

- Move the dip-switch S2-2 to the ON Position (right) to enable the low system pressure calibration.
- The low pressure (0 psi) must be applied to the system and the readout of the reference gauge must be entered in the menu using the UP or DOWN arrow button.
- Move the dip-switch S2-4 to the ON then OFF position to read and save the low system pressure calibration setting.
- Move the dip switch S2-2 to the OFF position.

Apply high system pressure

- Move the dip-switch S2-3 to the ON Position (right) to enable the high system pressure calibration.
- The highest pressure (maximum) must be applied to the system and the readout of the reference gauge must be entered in the menu using the UP or DOWN arrow button.
- Move the dip-switch S2-4 to the ON then OFF position to read and save the high system pressure calibration setting.
- Move the dip switch S2-3 to the OFF position.
- Press the RESET button.

Figure 1

