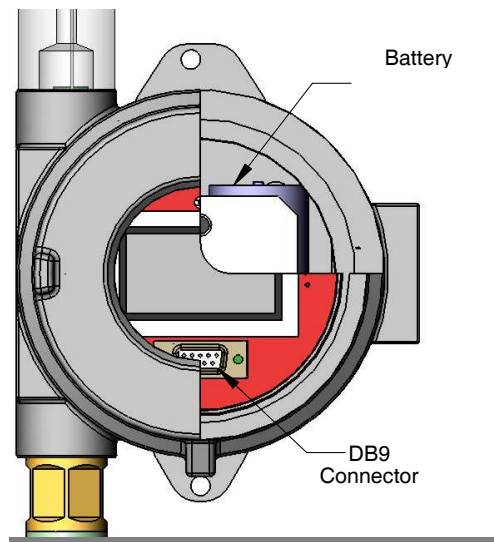


# SYSTEM 2000 SURFACE RECORDER BOX

The System 2000 Surface Recorder Box is a low powered, dependable surface box that can monitor two pressure inputs and an external temperature via an RTD. These sensors allow you to monitor oil and gas well buildups, do flow line analysis (with the optional external RTD) and general pressure and temperature monitoring. The onboard LCD display allows the operator to view the pressure and temperature on both pressure sensors as well as the temperature on the external RTD.



The System 2000 Surface Recorder Box can fill the memory at any sample rate for up to one year using one single 3.6V lithium C-cell. Depending on how the box is configured you can have up to 348,000 samples per pressure channel. This lowers to 290,000 with the external RTD. Field tests have shown that the data quality is equivalent to or better than existing surface box units currently available on the market. The display can be setup to be always on, always off or stay on for a programmed time interval and then shut itself off. If the display is setup to turn itself off, it can be turned back on for the programmed interval by pressing the button on the outside of the box. Display units can be set at time of programming to be whatever units (i.e. kPag or psig) you desire. For added protection of data, a password can be used to prevent unauthorized downloading or reprogramming of the unit. The surface box uses the same software as the System 2000 Downhole Recorder and requires a communication box to interface with your computer. Another add on feature is a wireless communication board which will allow monitoring and downloading without having to physically connect a communication box to the unit.

## SYSTEM 2000 SURFACE RECORDER BOX SPECIFICATIONS

Pressure Ranges →	Various up to 15,000 PSI	Pressure Accuracy →	0.024% of full range
Pressure Resolution →	0.0003% of full range	Hysteresis →	<.00012 of full range
Pressure Drift →	< 3 psi/year	Temperature Accuracy →	0.15% of full scale
Temperature Resolution →	0.002% of full scale	Operating Temperature →	-40 to 80° C
Power Requirements →	3.6VDC	Battery Life →	(1) 3.6V lithium C-cell/year
Number of Data Points →	348,000 per channel	Minimum Sample Rate →	1 sample/2 seconds
Transducer Type →	Silicon Crystal	Communications →	RS232 via comm. box
Software →	Windows 95/98/ME/2000	Approvals →	DIV 1 CLASS 1 GROUP A,B,C,D CSA Approved