
1 News: April, 2008

Reliability at 200C? Our Quartz SRO hybrid prototype arrived last week and testing has begun. We'll keep you up to date on the progress of this exciting new technology.

The next generation of down hole quartz pressure gauges will be centered around plastic-free hybrid technology.

New Products:

Our Battery Tester is now a commercial product. You can check the voltage and depassify your DataCan battery packs. The product is simple to use and will help reduce your failures due to an over used battery pack.

A battery life calculator, and estimated job power calculator were added to our gauge software. We've also updated the user interface and have expanded the user manual.

Testing:

After 38 days at 177C and being cycled down to 20C once a week for evaluation, a solder joint on our Piezo test board failed.

On May 23rd, we began testing our 165C lithium battery pack. After 5 days at 150C, the polyskin under the teflon heat shrink began to deteriorate. As a result, the polyskin will not be used during the assembly of any of our battery packs.

We started four other long term piezo tests on April 10th, this time two are running off a power supply and two are running off the 165C lithium cell. We hope to gain knowledge of the cells depassivation and self discharge.