

0.75" Piezo Memory Pressure Gauge with Accelerometer

Application

The 0.75" size is our most economical package and works well for gauge carrier, coiled tubing, and DST operations. AA battery packs are used in the 0.75" OD tools, which limits the duration the tool can be "on" downhole, typically no more than 2 to 3 months. The 0.75" piezo memory gauge with accelerometer has an o-ring sealed sensor similar to the classic gauge, but also has an accelerometer sensor to measure any vibrations downhole.

Features

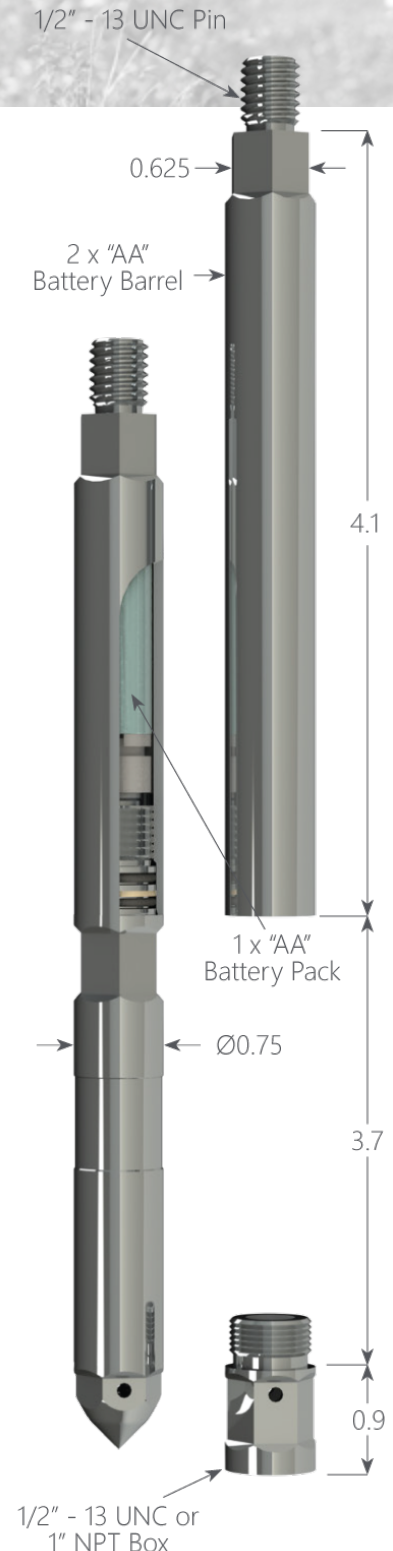
- Measures Acceleration
- 0.1s Fast Sample Rate
- Max Pressure Trigger
- Min and Delay Pressure Trigger
- Delta Pressure Trigger
- 1 Million Sample Capacity
- Inconel 718 - NACE MR0175

Benefits

DataCan piezo gauge design is one of the smallest most compact designs in the industry, which ultimately helps decrease the cost of the tool. DataCan piezo gauges also have excellent efficiency, meaning the battery life of the tool is just as good, if not better than competitors.

DataCan's download software, complete with battery calculator, allows you to program your tool, graph your data, and create a report for your customer.

0.75" Piezo with Accelerometer- Inconel 718			
Pressure	Temperature	Acceleration	Part No.
750 psi	100°C	Max 3g Min 3g	101711
1,500 psi	120°C		101712
3,000 psi	177°C		101713
6,000 psi			101714
10,000 psi			101715
15,000 psi			101716
20,000 psi			101717
25,000 psi			101718



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Accessories	
Accessory Type	Part No.
Bullnose SS316	100703
Crossover 0.5-13 UNC SS316	100704
Crossover 1.0 NPT SS316	101021
Battery Barrel 1 X "AA" Inconel 718	100702
Battery Barrel 2 X "AA" Inconel 718	100755
Pelican Case Assembly	100756
USB Download Cable	100682
Redress Kit Viton 90	100445
Redress Kit Aflas 7182B	100446
Redress Kit Chemraz 510	100447

Specifications			
	Pressure	Temperature	Acceleration
Accuracy	0.022 % F.S.	0.25°C	0.5% F.S.
Resolution	0.0003% F.S.	0.005°C	0.0003% F.S.
Drift	< 3 psi/year	< 0.1°C/year	0.1 g/year
Capacity	1 Million Samples		
Communication Method	USB		