0.75" Piezo

Application

The 0.75" downhole pressure gauge size is our most economical design. This package works well for gauge carrier, coiled tubing, and DST operations. AA battery packs are used in the 0.75" OD tools. This slimline tool has a sapphire or piezoresitive strain type sensor with a 11 million sample capacity memory circuit.

*Make sure to use the battery calculator in the DataCan download software to determine the maximum job length for specific applications.

Benefits

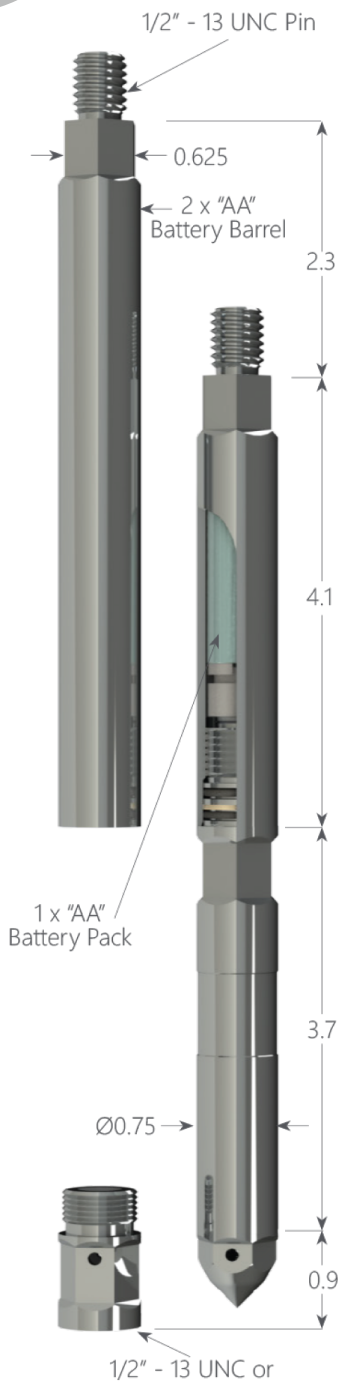
The 0.75" Piezo pressure gauge is characterized by its o-ring sealed sensor; a very simple and reliable design. This tool will survive multiple high shock loads downhole including; jarring, setting locks, and perforation events. Monitoring packer seals and shifting sleeves on multi-stage fracture monitoring jobs are common uses for this tool design.

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.

Features

- 11 Million Sample Capacity
- Up to 470 Hz Sample Rate Option
- Inconel 718 – NACE MR0175
- Easy to use software
- Durable shock-mounted circuit



0.75" Piezo - Inconel

Pressure	Temperature	Part No.
750 psi	0°C to 100°C	104325
1,500 psi	0°C to 120°C	104326
3,000 psi	0°C to 150°C	104327
6,000 psi		104328
10,000 psi	0°C to 177°C	104329
15,000 psi		104330
20,000 psi		104331

Accessories

Accessory Type	Part No.
Bullnose SS316	100703
Crossover 0.5-13 UNC SS316	100704
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
Battery Tester	110944

Compatible Batteries

Size	Max Temp	Part No.
AA	150°C	100408
	165°C	100804
	180°C	100805
	200°C	100409
2 x AA	150°C	100411
	165°C	100806
	180°C	100807
	200°C	100412

Specifications

	Pressure	Temperature
Accuracy Up To	0.03 % F.S.	0.5°C
Resolution	0.0003% F.S.	0.005°C
Drift	< 3 psi/year	< 0.1°C/year
Capacity	11 Million Samples	
Communication Method	USB	