1.375" Piezo IV

Application

This tool was designed for extremely harsh environments, both physically and chemically. This downhole pressure gauge is often hung below the strainer on a rod lift pump or below plugs during an offset fracture job. When running the tool below a rod pump, the operator captures the reservoir and artificial lift performance data without the cost slickline. When the pump dies, the tool is recovered for free and semi-permanent data is evaluated post mortem.

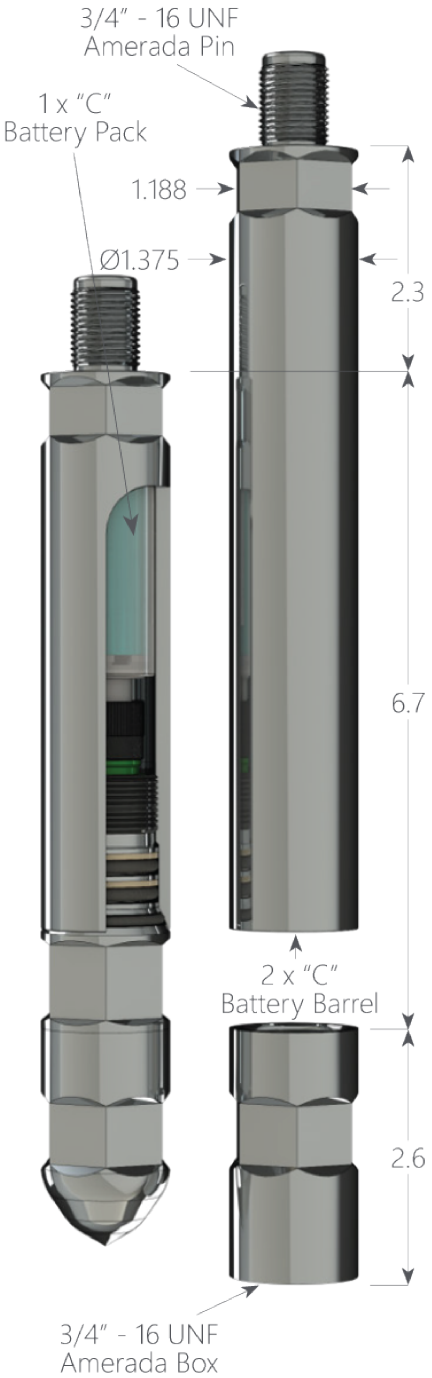
*Make sure to use the battery calculator in the DataCan download software to determine maximum job length for specific applications.

Benefits

Made of Inconel 718, the Piezo 4 tool has a welded piezoresistive sensor and a triple super seal battery barrel connection with a lock battery pack. The circuit is designed with a 11 million sample capacity and very low power sleep. This gauge will provide over a year of 30 second sample rate data with a "C" cell battery at a well temperature of 125 °C.

Features

- 11 Million Sample Capacity
- Super Seal Triple Technology
- Electron Beam Welded Sensor
- Locking Battery Pack
- Shock Mounted Electronics
- 470 Hz Sample Rate Varient Available - Contact DataCan for Part Number
- Inconel 718 – NACE MR0175



1.375" Welded Piezo - Inconel 718

Pressure	Temperature	Part No.
750 psi	0°C to 100°C	101255
1,500 psi	0°C to 120°C	101254
3,000 psi	0°C to 150°C	101253
6,000 psi		101252
10,000 psi	0°C to 177°C	101251
15,000 psi		101250
20,000 psi		101249
25,000 psi		101248

Accessories

Accessory Type	Part No.
Bullnose SS316	101257
Crossover 0.75-16 UNF SS17-4	101258
Battery Barrel 1 X "C" Inconel 718	101266
Battery Barrel 2 X "C" Inconel 718	101650
Pelican Case Assembly	101548
Extended Pelican Case Assembly	103467
USB Download Cable	100682
Redress Kit Viton 90	101372
Redress Kit Aflas 7182B	101373
Redress Kit Chemraz 510	101374
Battery Tester	110944

Compatible Batteries

Size	Max Temp	Part No.
C	150°C	101268
	165°C	101269
	180°C	101270
	200°C	101271
1 x CC	150°C	102362
	165°C	102240
	180°C	105234
	200°C	105235

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	