1.25" Quartz

Application

Quartz memory gauges are used for their high-temperature rating. They offer the lowest drift and highest resolution downhole pressure data of any sensor.

The 1.25" Quartz downhole memory pressure gauge is our premier high-temperature high-pressure solution for reservoir data collection. Designed with a thicker battery housing, the 1.25" Quartz has a 30,000psi collapse pressure rating. The 1.25" Quartz is characterized by its electron beam welded sensor, super seal technology connection, and maximized transient response. The circuit is shock-mounted in a long-term reliability package to protect your data from vibration and drops producing extend life electronics.

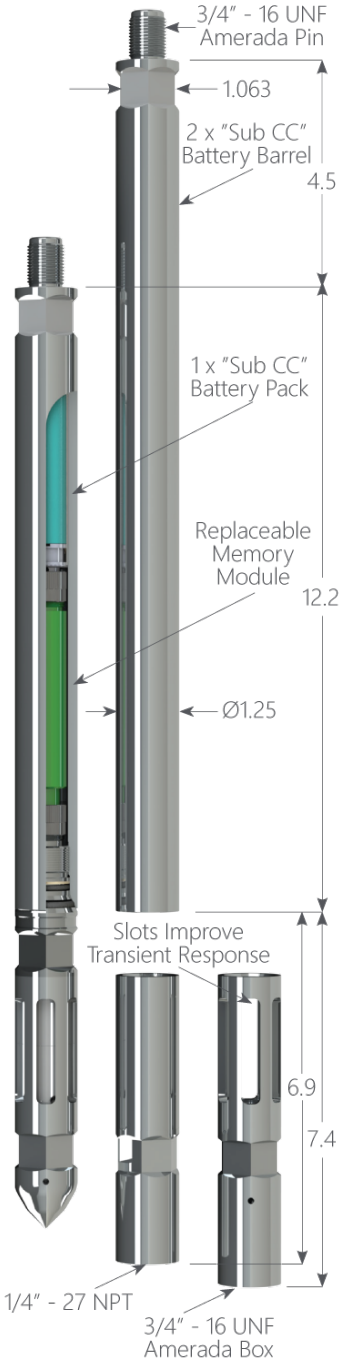
*Make sure to use the battery calculator in the DataCan download software to determine maximum job length for specific applications.

Benefits

Quartz gauges provide operators with the highest possible data stability and resolution. DataCan recommends quartz gauges in wells with bottom hole temperatures above 135°C.

Features

- 0.00006% Full-Scale Resolution
- Super Seal Technology
- 30,000psi & 200°C
- 8 Million Sample Capacity
- Inconel 718 or MP35N – NACE MR0175
- Fast Response



1.25" Quartz Gauge - Inconel 718

Pressure	Temperature	Part No.
10,000 psi	25°C to 150°C	100711
16,000 psi	25°C to 150°C	100228
16,000 psi	25°C to 177°C	100229
16,000 psi	25°C to 200°C	100894
20,000 psi	25°C to 177°C	100230
20.000 psi	25°C to 200°C	100231
25,000 psi	25°C to 177°C	100232
25,000 psi	25°C to 200°C	100233
30,000 psi	25°C to 200°C	100234

Accessories

Accessory Type	Part No.
Replaceable Memory Module LTR 177°C	107147
Replaceable Memory Module LTR 200°C	115821
Welded Bullnose Stainless Steel	102321
Welded Crossover 0.75 - 16 Stainless Steel	102323
Crossover 0.25 NPT Inconel 718	100130
Crossover 0.25 NPT Stainless Steel	109844
Battery Barrel 1 X "Sub CC" Inconel 718	100713
Battery Barrel 2 X "Sub CC" Inconel 718	101006
Pelican Case assembly	100235
USB Download Cable	100682
Redress Kit Viton 90	100908
Redress Kit Aflas	100237
Redress Kit Chemraz	100238
Battery Tester	110944

Compatible Batteries

Size	Max Temp	Part No.
Sub CC	150°C	100808
	165°C	100226
	180°C	100885
	200°C	100227
2 x Sub CC	150°C	101660
	165°C	101000
	180°C	102023
	200°C	101001

Specifications

	Pressure	Temperature
Accuracy	± 0.02 % F.S.	± 0.2°C
Resolution	0.00006% F.S.	0.005°C
Drift	≤ 2 psi/year	< 0.1°C/year
Capacity	8 Million Samples	
Communication Method	USB	