

0.75" DCQ - Quartz

Application

The shortest slimhole 0.75" diameter gauge available. Quartz Gauge uses a AA battery as its power source. Limited space is available for gauge carrier, coiled tubing, and DST operations and the AA battery is the smallest form factor available for powering a quartz tool. Hence, a 0.75" OD is currently the smallest diameter quartz memory tool.

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

Benefits

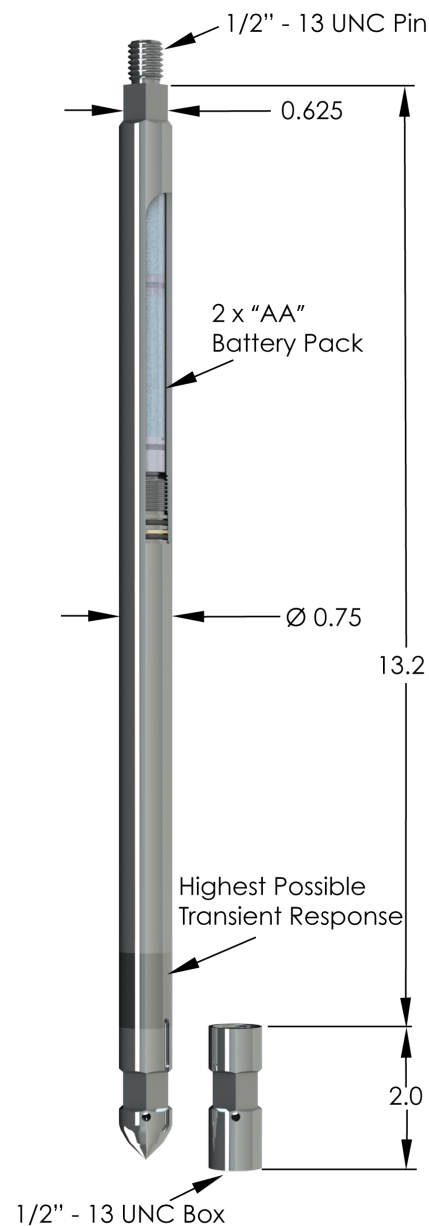
The world's smallest quartz gauge provides operators with the highest data stability and resolution. DataCan recommends quartz gauges in all wells with bottom hole temperatures above 135°C.

Features

- 15" Long
- 0.00006% Full-Scale Resolution
- 200°C
- 8 Million Sample Capacity
- Inconel 718 and MP35N – NACE MR0175
- Electron Beam Welded
- Fast Temperature Response
- Easy to Use Software

0.75" DCQ - Inconel 718

| Pressure | Temperature | Part No. |
|------------|-------------|----------|
| 10,000 psi | 150°C | 110735 |
| 16,000 psi | | 110736 |
| 20,000 psi | | 110737 |
| 10,000 psi | 177°C | 110738 |
| 16,000 psi | | 110739 |
| 20,000 psi | | 110740 |
| 10,000 psi | 200°C | 110741 |
| 16,000 psi | | 110742 |
| 20,000 psi | | 110743 |



Accessories

| Accessory Type | Part No. |
|-------------------------------------|----------|
| Bullnose SS316 | 110755 |
| Crossover 0.5-13 UNC SS316 | 110756 |
| Crossover 0.25 NPT SS316 | 110757 |
| Battery Barrel 2 X "AA" Inconel 718 | 100755 |
| Pelican Case Assembly | 100444 |
| USB Download Cable | 100682 |
| Redress Kit Viton 90 | 100445 |
| Redress Kit Aflas 7182B | 100446 |
| Redress Kit Chemraz 510 | 100447 |
| Battery Tester | 110944 |

Compatible Batteries

| | Max Temp | Part No. |
|--------|----------|----------|
| 2 x AA | 150°C | 100411 |
| | 165°C | 100806 |
| | 180°C | 100807 |
| | 200°C | 100412 |

Specifications

| | Pressure | Temperature |
|----------------------|-------------------|--------------|
| Accuracy Up To | 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 | |