

1.25” Quartz Memory Tool

Jabertech Company

Jabertech is the largest independent downhole memory gauges supplier in the Middle East, Jabertech has been providing downhole memory pressure and temperature tools since 2007. We take pride in delivering superior performance and reliability as all manufacturing and assembly is done with focus on operational excellence.

Applications

- Reservoir evaluation and well testing
- Production monitoring
- High pressure and high temperature surveys
- Build-up surveys
- Production optimization
- Interference tests
- Long duration tests
- High pressure stimulation operations

Features

- Quartz Pressure and temperature Transducer
- Hybrid Transducer Electronics.
- Up to 30,000 psi and 177 °C pressure and temperature range.
- Inconel 718 and MP35N Material
- 16 Million data sets
- Low power consumption
- Enhanced Software interface for easy program and reliable data download
- Multiple sampling rates
- Metal to Metal seal.
- Lithium battery pack Single Cell, (CC') (150°C, 165°C, 200°C)

Specifications

- Pressure Range: 30,000 psi
- Pressure Accuracy: 0.02% F.S.
- Pressure Resolution: 0.00006 % F.S.
- Pressure Drift: < 2psi/year
- Temperature Rating: 177 °C (350 °F)
- Temperature Accuracy: 0.2 °C
- Temperature Resolution: 0.005 °C
- Total Length: 565 mm (22.25 in)
- Maximum OD: 32.25mm (1.27 in)

Lithium “CC”
Battery

Battery
Locking
Mechanism

High Temperature Measurement
and Storing Electronics

Pressure and Temperature
Crystals.



Quartz Memory Tool Compatible Batteries

165 °C Batteries

- Nominal Capacity 14 Ah
- Open Circuit Voltage 3.93 V
- Primary chemistry (non-rechargeable)
- Single Cell "CC" size
- Threaded lock to hold battery

180 °C Batteries

- Nominal Capacity 12 Ah
- Open Circuit Voltage 3.93 V
- Primary chemistry (non-rechargeable)
- Single Cell "CC" size
- Threaded lock to hold battery

200 °C Batteries

- Nominal Capacity 9 Ah
- Open Circuit Voltage 3.93 V
- Primary chemistry (non-rechargeable)
- Single Cell "CC" size
- Threaded lock to hold battery

High Temperature Lithium Cell.

LED battery connect indication

Smart threaded Lock to hold battery in place.

