

GEOTRU 200

Stainless Steel 316L / Inconel 718



This high-temp gauge features no electronics downhole dramatically increasing reliability and longevity.



High-Temp Downhole Monitoring

Our GEOTRU 200 gauge is an ultra-reliable downhole tool that is designed specifically to provide accurate long-term data in high-temperature wellbores. Due to the use of quality materials, and the use of a groundbreaking internal design, this gauge can survive in downhole environments where many other gauges would fail.

Key Features

- » No electronics downhole dramatically increases reliability and enables on-surface troubleshooting
- » Durable Stainless Steel 316L or Inconel 718 construction
- » Fully welded construction ensures maximum protection against gas and / or fluid invasion
- » Designed to endure vibration and shock associated with various artificial lift systems
- » Before leaving our shop, every GEOTRU gauge is welded directly to the TEC in order to guarantee a reliable leak-free connection
- » Certified Intrinsically Safe

Removing All Downhole Electronics

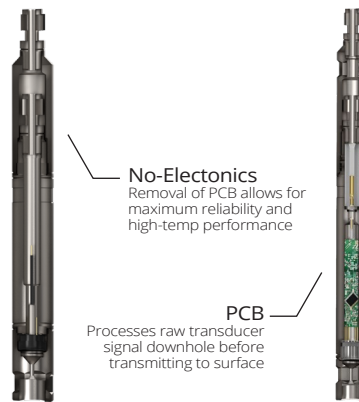
Our GEOTRU technology removes all electronics from the gauge itself and transfers them to the T6 gauge controller at surface. By removing the most vulnerable component of a gauge and moving it to surface not only do we dramatically increase reliability and maximum operating temperature, it also increases serviceability. Any troubleshooting related to electronics can now be done at surface without any need to pull and re-run the gauge. This breakthrough technology takes our already industry-leading reliability to the next level.

Applications

- SAGD
- Pump Intake Pressure & Temperature
- Reservoir Evaluation
- Artificial Lift Optimization
- Mining
- Natural Gas and Propane Storage Caverns
- Hazardous Area Environments
- Offshore

GEOTRU Gauge

Traditional Digital Gauge



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Intrinsically Safe Certified



Safety is critical for various pressure and temperature monitoring applications such as natural gas and propane storage, mining, shipping, and other industrial or chemical process environments. GEOTRU gauges with proper installation are certified as intrinsically safe, offering premium capability and safety for even the most unique applications.

The Absolute Best High-Temp Solution On The Market

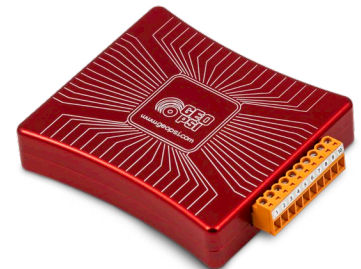
The GEOTRU 200 is the first high-temperature gauge of its kind on the market. Never before has there been a high-temp gauge capable of delivering reliable long-term data at such a high temperature. The 200°C rating of this gauge makes it a suitable replacement for most bubble tube systems, providing far more accurate and reliable data.

Specifications

Measurement	Pressure & Temperature
Input Voltage Range	12-24 VDC
Available Pressure Ranges	1,500 2,000 3,000 5,000 10,000 15,000 20,000 30,000 psiA
Pressure Resolution	± 0.00001% Full Scale
Pressure Accuracy	± 0.05% Full Scale
Pressure Drift	< 3 psi Per Year
Temperature Rating	200°C
Temperature Resolution	± 0.00001°C
Temperature Accuracy	± 0.5°C
Temperature Drift	± 0.5°C
Construction Material	Stainless Steel 316L or Inconel 718
Overall Length	7.90" / 20.066cm
Outside Diameter	0.875" / 22.22mm
Process Connection	1/4" Autoclave HF4
Leak-Proof Design	Yes
ISO Certified Manufacturing	Yes
Intrinsically Safe Certification	Ex ia IIA T4...T1 Ga
Compatible TEC	4mm High-Temp Quadline

T6 Surface Interface Card

Gauge Telemetry Decoder



Compatible TEC

- 4mm High-Temp Quadline

