

K Perm

The K Perm is a permanently installed downhole pressure & temperature gauge with real time surface readout. Providing a reliable cost effective system for reservoir monitoring. The gauge is run into the well via mono conductor cable and clamped to the production tubing as an integral part of the completion. Once commissioned, it continuously transmits data to the surface for collection and real time readout.

Applications:

- Long term, life of well production monitoring
- Pressure build up monitoring
- Injection Monitoring
- Reservoir optimization

Benefits:

- Field proven technology
- Continuous, intervention-less, permanent real time reservoir monitoring
- Highly robust and reliable for both onshore and offshore applications
- Simple standalone system or fully integrated into client data infrastructure
- Cost effective data over the life of the well

Features:

- Entirely designed, manufactured and assembled in U.S.A.
- "Quartzdyne" digital quartz resonator transducer
- Compact 1.00" gauge housing
- Double barrier pressure testable metal to metal seal cable head
- Electron Beam Welded Sensor
- Robust digital telemetry
- Delta P/Delta T sampling options
- Low power requirement



Specifications

Pressure		Temperature	
Range	10,000 psi	Range	125°C
Accuracy (Quartz)	0.02% F.S.	Accuracy (Quartz)	± 0.2°C
Resolution (Quartz)	0.0006% F.S.	Resolution (Quartz)	0.01°C
Drift	<3psi/year		
Physical		Miscellaneous	
Outside Diameter	1.00"	Minimum Sample Rate	1 sec.
Length (approx.)	30"	Interface	USB
Transducer Type	"Quartzdyne" Digital Quartz		
Material	Monel/Inconel (NACE Compliant)		

Description and specifications are subject to change without notice



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