

Kuster K10 Geothermal PT (Memory)

Product Reference: 18600-400

The K10 Geothermal PT is a subsurface high temperature and pressure memory recording device.

This tool can operate downhole for up to 6 hours at 300 °C and 4 hours at 350 °C. The entire heart of the gauge is encased in a pressure housing, which thermally protects the temperature sensitive electronics from the high geothermal temperatures. The pressure transducer senses wellbore pressure through a capillary tube, while the RTD sensor remains exposed to the wellbore for accurate and fast response temperature sensing and recording.

All materials meet NACE MRO 175 specifications for corrosive wellbore media.

SPECIFICATIONS - K10 GEOTHERMAL PT (MEMORY)

Outside Diameter (O.D.)	1.75"	4.4 cm	Miscellaneous:	
Length	66"	1.67 m	No. of Data Points	1,400,000 sets
			Minimum Sample Rate	1 sec.
			Interface	USB
Operating Environment:				
Maximum Pressure	8,500 psi	58.60 MPa		
Accuracy	0.024% F.S.			
Resolution	0.0003% F.S.			
Transducer Type	Piezoresistive			
Maximum Temperature	662 °F (4 hrs)	350 °C (4 hrs)		
	572 °F (6 hrs)	300 °C (6 hrs)		
Accuracy	± 0.449 °F	± 0.25 °C		
Resolution	0.0018 °F	0.001 °C		
Response Time	1.5 sec. /10 °C			

Features:

- Entirely designed, manufactured and assembled in the U.S.A.
- Robust electronics section
- Rugged, accurate, and independently compensated piezoresistive transducer
- Fast response external RTD temperature sensor
- Redundant memory
- Battery management system within software
- Depth data with optional encoder

RELATED PRODUCTS

- 18600-600 K10 Depth Unit
- 18600-XXX Battery Pack
- 18500-XXX Carrying Case
- 18600-XXX Field Tool Kit
- 18600-XXX K10 Interface/Software

Note: Description and specifications are subject to change without notice.

At Probe, we design, manufacture and service specialized modular downhole tools and systems. Our tools are used in formation evaluation, well integrity assessment and well productivity determination across the global energy industry.

