

# Kuster K10 Geothermal PTS Surface Readout (SRO)

Product Reference: 18600-550

The K10 Geothermal PTS Surface Readout (SRO) is a subsurface high temperature tool designed to continuously measure and record downhole temperature, pressure and flow in geothermal wells.

The unit can operate downhole for up to 6 hours at 300°C. The electronic section of the instrument is encased in a pressure housing, which thermally protects it 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. Interchangeable flowmeters and impellers allow you to choose what is best suited for the flow conditions.

All materials meet NACE MRO175 specifications for corrosive wellbore media.

## SPECIFICATIONS - KUSTER K10 GEOTHERMAL PTS SURFACE READOUT (SRO)

Outside Diameter (O.D.)	1.75"	4.4 cm	<b>Flowmeter/Spinner (Continuous):</b>	
Length	66"	1.67 m	Outside Diameter	2 1/8" and 1 11/16"
<b>Operating Environment:</b>			Sensors	Reed switch/Magnetic
Maximum Pressure	5,000 psi	34.47 MPa	Resolution	0.005% F.S.
Accuracy	0.024% F.S.		Data	Flow with directional sensing
Resolution	0.0003% F.S.		Flow Rate	85 RPM (Min)/ 18,000 RPM (Max)
Transducer Type	Piezoresistive		<b>Miscellaneous:</b>	
Maximum Temperature	662 °F (4 hrs)	350 °C (4 hrs)	Minimum Sample Rate	1 sec.
	572 °F (6 hrs)	300 °C (6 hrs)	Interface	USB
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
- Depth data with optional encoder
- Battery management system within software

## 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.

