

HTC-10

1 11/16" High Temperature, Temperature\CCL Tool

Description

The DSS HTC-10 is a specially designed pulse tool made to operate at temperatures up to 250 °C for extended periods of time. This tool does not use a flask. The tool has an operational life of up to 1000 hours at temperatures between 230°C and 250°C. It includes a platinum RTD (Resistance Temperature Detector) which provides high resolution data with fast temperature response. It also has a magnetic casing collar locator (CCL).

Applications

- Borehole fluid temperature
- Depth correlation.
- Combine two services in one run.

Features

- Rated for high-temperature and high-pressure environments.
- Open basket design, through which fluid can easily flow for accurate measurement.
- CCL outputs a line shake signal to the surface.
- Temperature tool outputs positive pulses calibrated to 10 counts/°C.
- Compatible with most surface systems.
- Uses electronics components especially designed of high temperature.
- Electronic design verified for 1 hour operation at 255°C to ensure reliability.
- Sour service resistant materials.
- Not a flasked tool. Does not have a limit on time at temperature.



Specifications

Tool Operating Voltage	25 to 40 VDC	Tool Length (make-up)	92.7 cm (36.5 in)
Tool Operating Current	35 to 40 mA	Tool Length (shipping)	94.5 cm (37.2 in)
Output Pulse Amplitude	Neg. ~10 VDC	Tool Weight	7 Kg (15.4 Lb)
Output Pulse Width	25 µS	CCL Point from Top of Tool	22.86 cm (9.0 in)
Max. Pressure	172.4 Mpa (25,000 PSI)		
Max. Temperature	250°C (482°F)	Borehole Fluids	Oil - Fresh Water - Brine
Tool Diameter - OD	42.85 mm(1 11/16 in)	Top End Connector	Contact Socket Go Female



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