

GTC-10

1 11/16" Gamma Ray\Temperature\CCL Tool

Description

The DSS 1 11/16" Is a multi purpose pulse Tool (GTC). It includes a platinum RTD (Resistance Temperature Detector) which provides high resolution data with fast temperature response. This tool also includes a Sodium Iodide scintillation crystal and photomultiplier tube which demonstrate high sensitivity and resolution. The last device in this tool is a magnetic casing collar locator

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 20 counts/°C.
- Gamma Ray tool outputs negative pulses of actual Gamma Ray detector.
- Gamma-Ray maximum output of 5000 counts
- Compatible with most surface systems.
- Designed to make pulse conflicts impossible.
- Electronic design verified for 1 hour operation at 415°F to ensure reliability.
- H2S resistant materials.
- Proudly designed and manufactured in Canada

Specifications

| | | | |
|--------------------------------|--------------------------------|---|----------------------------------|
| Tool Operating Voltage | 100-150 VDC | Tool Length (make-up) | 135.25 cm (53.25 in) |
| Tool Operating Current | 25-35 mA | Tool Length (shipping) | 136.83 cm (53.87 in) |
| Output Pulses Amplitude | Pos. & Neg. ~10 VDC | Tool Weight | 9.5 Kg (21.0 Lb) |
| Output Pulses Width | 25 µS, 0 to 5000 Count | Gamma Ray Point from Top of Tool | 52.1 cm (20.5 in) |
| Max. Pressure | 172.4 Mpa (25,000 PSI) | CCL Point from Top of Tool | 22.86 cm (9.0 in) |
| Max. Temperature | 204°C (400°F) | Borehole Fluids | Oil - Fresh Water - Brine |
| Tool Diameter - OD | 42.85 mm(1 11/16 in) | Top End Connector | Contact Socket Go Female |



Downhole Sonic Solutions Inc.

#170, 5255 McCall Way N.E.
Calgary, AB, T2E 7J5, Canada
Phone: +1 (403)219-2108
Fax: +1 (403)219-2106

www.dsstools.com
sales@dsstools.com



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