

# GCT

The Gamma Ray/Collar Locator/Temperature Tool (GCT) can be run together with the FHT Telemetry tool, providing the following signals:

\* Gamma Ray PMT (GR): measures the natural gamma ray levels within the wellbore.

\* Collar Locator (CCL): measures changes in metal mass, creating a better chance of detecting the small gap in flush joint pipe, or collars in heavily corrosion-encrusted casing.

\* Temperature Tool (RTD): The Platinum Resistance Thermometer Tool measures Downhole temperatures by measuring the resistance of a fast responding platinum resistance element.

The probe is contained in a thin, pressure-tight Inconel® needle that protrudes into an open slot through which borehole fluid can flow.



<b>Gamma Ray</b>	
<b>Operating Voltage</b>	+18VDC
<b>Current draw</b>	10mA
<b>Depth Resolution</b>	6' typical
<b>High Voltage Power Supply</b>	700VDC to 1,800VDC (controlled from surface)
<b>Temperature Sensor</b>	
<b>Operating Voltage</b>	+18VDC
<b>Current draw</b>	10mA
<b>Temperature Resolution</b>	0.15 deg C
<b>Max. Temperature range</b>	-50 deg C - 260 deg C
<b>CCL</b>	
<b>Operating Voltage</b>	+18VDC
<b>Current draw</b>	10mA
<b>Sensitivity</b>	1mV
<b>Gain</b>	controlled from surface
<b>Dimensions</b>	1-11/16" (43mm) O.D. by 46.63" (1,118.4mm) Long

For enquires please contact our distributor:

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