

## TELEMETRY GAMMA CCL TOOL 2 3/4"

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**SKU:** TGC003

**Category:** [Formation Evaluation](#)

## PRODUCT DESCRIPTION

The TGC003 is a 2 3/4" Gamma Ray & Casing Collar Locator tool which provides a passive measurement of gamma radiation using a Sodium Iodide Scintillation Detector and identifies changes in metal thickness by using a collar locator. It is also the communications control centre for the logging system. Located between the inter-tool communications bus and the Wireline Uplink, it controls the collection of data from the tools below and packages it for transmission to the surface system. It receives commands from the surface system via the fast downlink & provides responses back to the surface as required. The TGC003 houses the main downhole power supply providing power to the logging tools.

### Telemetry Control Unit Features

- Automatic tool ID & tool polling loop generation ensures and highest uplink data rates
- Fast inter-tool bus, with all messages CRC protected
- Uplink data rate 150 kbit/sec
- Full support for the Hunter Pulsed Neutron tool
- Head voltage and internal temperature measurement
- Fast wireline downlink (16Kbps) allows real time control of toolstring

### Gamma / CCL Features

- Lithology determination
- Depth correlation
- GR detector for down flow Oxygen Activation logging when run with RAS-CO / RAS-SIGMA
- RA scale identification
- Simple tracer monitoring
- Plug in electronics are used throughout enabling local upgrade and repair

### Specifications

Temperature rating:	177°C	350°F
Pressure rating:	103.4 MPa	15,000 psi

**ONLINE TECHNICAL  
SPECIFICATION SHEET**

Diameter:

70mm



2 3/4"