

THIS GAMMA RAY - CASING COLLAR LOCATOR (GR-CCL) TOOL UTILIZES A SCINTILLATION STYLE DETECTOR WITH A 1 X 4-INCH CRYSTAL COUPLED TO A RUGGEDIZED HIGH-TEMPERATURE PHOTOMULTIPLIER TUBE PACKAGED IN A SHOCK-MOUNTED ASSEMBLY.

This cased-hole instrument uses a large ruggedized and shock-mounted scintillation crystal coupled to a high resolution ruggedized detector to measure formation gamma ray counts with good stability over a wide range of logging speeds.

Gamma ray and CCL information is driven onto a mono cable wireline and is received at the surface by any logging system capable of processing pulse data. The output pulse may be configured for either positive or negative polarity on the wireline.

The dual magnet center coil CCL provides maximum sensitivity through 7-inch diameter casing. Optional internal circuitry enables no loss in count rate when operated simultaneously with bond equipment. The Gamma Ray-CCL can be stacked with a neutron or compensated neutron tool below the CBT or run alone.

The tool is configured standard with GO box on top and GO pin on bottom.



SPECIFICATIONS - 2 3/4" GAMMA RAY - CCL

Dimensions

Diameter	2 3/4"	6.9 cm
Length	59"	1.5 m
Weight	55 lbs	25 kg
Operating Voltage	100-130 VDC	
Operating Current	26 mA DC	
API Calibration (approx)	1.5 cps/API	

Operating Environment

Maximum Pressure	20,000 psi	137.9 MPa
Maximum Temperature	350°F	177°C

Operating Parameters

Top Connection	Single pin GO box
Bottom Connection	Single pin GO male or 6-pin field joint

- Detector at the top or bottom
- 6 pin field joint bottom connection (available with solid bullplug or bullplug with GO box)
- Blank bottom, with GO pin, no feed-thru
- Mono feed-thru

RELATED PRODUCTS

- CEMENT BOND TOOL
- DIGITAL CEMENT BOND TOOL
- RADII™ CEMENT BOND TOOL
- NEUTRON TOOL (2 3/4")
- COMPENSATED NEUTRON TOOL (2 3/4")
- QUARTZ GAUGE TEMPERATURE TOOL