

The Gamma Ray (GR-SC) module is a tool which provides a passive measurement of natural Gamma radiation of various formations or scale build up in the well by means of a Scintillation Crystal detector. This detector transforms the measurement into a count that is uploaded to the ParaComm telemetry tools that transmits it uphole through the Paradigm Slick-E-Line®. The tool is physically connected below the Core Module and the PPU. Data will be visualized in ParaLog / ParaOffice.



The Gamma Ray is typically used for depth correlation in cased hole applications, for identification of lithology or radioactive scale build up in the well. The GR-SC is stackable with many of the other 1-11/16" ParaComm tools. The Gamma detector is a Scintillation Crystal that has a 10 times higher sensitivity to read Gamma Radiation counts than Geiger Muller Detector designs.

Applications:

- Lithology determination
- Depth correlation
- Radioactive scale identification
- Simple tracer monitoring

Features

- Rugged design
- Scintillation Crystal detector
- Also available in Geiger Muller detector (A1206500 for high impact/shock operations)

Part Number:	A1205942	
Diameter	43 mm	1 11/16"
Overall length	1074 mm	42.3"
Make up length	979 mm	38.5"
Weight	6 kg	13.4 lb.

Temperature rating	177°C	350°F
Pressure rating	103.4 MPa	15,000 psi
Tensile strength	31,000 lb	
Operating current	<50 mA DC	
Measure point – Pressure and Temperature (from bottom up)	731mm	28.8"
Sensitivity (nominal)	1 count per API	
Upper thread connection	1.5" - 12 TPI - stub ACME Box	
Bottom thread connection	1.5" - 12 TPI - stub ACME Pin	
Materials	Corrosion resistant throughout	