

The ParaComm Gamma Ray (PGR-GM) 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 Geiger Muller 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. The data is visualized within ParaLog / ParaOffice.



The Gamma Ray is typically used for depth correlation in cased hole applications or for identification of lithology or radioactive scale build up in the well.

The PGR-GM is stackable with many of the other 1-11/16" ParaComm tools.

The Gamma detector is a Geiger Muller which is most suitable for high impact / shock operations such as perforating and explosive setting of plugs.

Applications

- Lithology determination
- Depth correlation
- Radioactive scale identification
- Simple tracer monitoring
- Can be used during perforating operations

Features

- Rugged design
- Geiger Muller detector
- Also available with Scintillation Crystal – (A1205942 high resolution)

Part Number:	A1206500	
Diameter	43 mm	1 11/16"
Overall length	1026 mm	40.4"
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	<25 mA DC	
Measure point – Pressure and Temperature (from bottom up)	731 mm	28.8"
Sensitivity (nominal)	1 count per API	
Upper head connection	1.5" - 12 TPI - stub ACME Box	
Bottom head connection	1.5" - 12 TPI - stub ACME Pin	
Materials	Corrosion resistant throughout	