

Gamma Ray

Application

The Gamma Ray Tool employs a sensitive sodium iodide scintillation crystal and photomultiplier tube to detect naturally occurring and artificially induced gamma ray radiation. The tool is used for correlation to the surrounding lithology of the well.

Gamma ray logs are useful for recording induced radiation. A tracer log can be used to determine fluid movement by tracing radioactive iodine ejected into the wellbore. Radioactive sand can also be traced to determine the direction of fractures.

Features

- Sensitive Sodium Iodide Scintillation Crystal
- Photo Multiplier Tube
- Detects Naturally Occurring and Artificially Induced Gamma Ray Radiation
- Correlates Surrounding Lithology
- Tracer Logs can Determine Fluid Movement or Direction of Fractures

Gamma Ray	
Type	Part No.
Single Sensor Standard Service	AM012WA0001
Single Sensor H2S Service	AM012WB0001
Dual Sensor Standard Service	AM012WA0002
Dual Sensor H2S Service	AM012WB0002

Spare Parts	
Type	Part No.
Seal Kit	AM012RK0001

Specifications	
	Details
OD	1.375 in (34.9 mm)
Length	35.4 in. (900 mm)
Weight	8.6 lb (3.9 kg)
Temperature Rating	350°F (177°C)
Pressure Rating	15,000 psi (103.5 MPa)
18V Power Requirement (Memory String)	34mA
100V Power Requirement (Telemetry String)	5 mA





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