

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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