

Gamma Ray Tool (GRT24, GRT26)

Titan Division | Instruments

Overview

The Gamma Ray Tool (GRT) measures the natural gamma rays generated from the formation that surrounds the wellbore. The sensor comprises a 4" sodium iodide scintillator, a photomultiplier and a 1.6kV high voltage power supply. The GRT is compactly designed and offers good sensitivity and high resolution for use in cased-hole production logging operations. The GRT, combined with other tools, may be used for flow tracer work and, with the addition of a gamma source, for gravel pack investigations.

Application

- Lithological identification
- Depth correlation
- Identification of radioactive scale
- Tracer monitoring
- Gravel pack monitoring (with an addition gamma source)

Specifications

Model	GRT24	GRT26
OD	35mm (1 3/8")	43mm (1 11/16")
Max Working Temperature	177°C (350°F)	177°C (350°F)
Max Working Pressure	103MPa (15000psi)	103MPa (15000psi)
Tool Length	787mm (30.98")	774mm (30.47")
Make Up Length	692mm (27.24")	679mm (26.73")
Weight	3.6kg (7.9lbs)	4.7kg (10.4lbs)
Operating Voltage	14VDC-18VDC (Nor. 17VDC)	14VDC-18VDC (Nor. 17VDC)
Operating Current	38mA±3mA	38mA±3mA
Bus	WSTBus	WSTBus
Measuring Range	0-10000 CPS	0-10000 CPS
Sensor	Sodium iodide (NaI)	Sodium iodide (NaI)
Lower Limits	20keV	20keV
Statistic Variation	≤10%	≤10%
Threads	1 3/16-12UN-2A/2B	1 3/16-12UN-2A/2B

