



3 3/8" Product Line

Telemetry / GR

The Digital Telemetry instrument handles the communication between the surface system and digital downhole instruments in both directions. It also monitors the temperature of the telemetry electronics and the cable head voltage.

The tool includes a Gamma Ray scintillation detector, measuring the total gamma rays emitted by the surrounding formation. The Gamma Ray Log can be run in open and cased holes, in all mud systems and in dry holes.

Specifications

Diameter:	86 mm	(3.39")	Sensors:	GR (NaI Scintillation Crystal) Cable Head Voltage Electronics Temp Single Axis ACC
Length:	1310 mm	(51.6")		
Weight:	34 kg	(75 lbs)	Measure Points (from bottom):	GR: 403 mm (15.9")
Max. Temp:	175°C	(350°F)		
Max. Pressure:	140 MPa	(20 000 psi)		
Top Connector:	yes			
Bottom Connector:	yes			

Measuring Parameters

<u>Measuring Range:</u>	<u>Accuracy:</u>
GR: 0 to 3000 gAPI	GR: ± 5 % of measured values*

* Gamma Ray measurements are radioactive measurements and hence subject to statistical variations. On a log, these variations amongst other factors depend on logging speed and filter strength.

Logging Parameters

Recommended	Recommended
Min. Hole Diameter: 125 mm (4.9")	Logging Speed
Max. Hole Diameter: NA	GR: 9 m/min (1800 ft/hr)
To be decentralized	Sample Rate: selectable
in holes above: 305 mm (12.0")	

Displayed Standard Curves

GR in API	Gamma Ray
CHV in V	Cable Head Voltage
TEMP in °C/°F	Electronics Temperature

Combinability

With all other 3 3/8" instruments
Separate 3 3/8" CCL available

