



REVEAL YOUR RESERVOIR DETAILS WITH THE HIGH-FIDELITY AZIMUTHAL GAMMA TOOL

High detector sensitivity provides clear images and high-fidelity bulk gamma ray measurements.

Also provides Total Gamma, Continuous Inc, and RPM measurements.

3-axis shock & vibration sensors help in vibration mitigation and drilling optimization.

Can be used in wells up to 175°C.

FEATURES & BENEFITS

- High-performance gamma ray imaging in real time and recorded mode
- Measures 4 quads gamma (up, down, left, and right) in real time and 16 sectors in tool memory while in rotation mode
- Reduces well placement uncertainty where gamma-ray contrasts between formation layers are low
- Reveals reservoir details which may not be visible with conventional gamma ray sensors

APPLICATIONS

- Precisely identify target zones with the superior gamma ray images
- Determine shale volume
- Pick accurate casing and coring points
- Depth determination
- Well offset correlation

LithoTracker provides sectored gamma measurements from a compact module while in rotating mode.

LithoTracker helps make more informed well-placement decisions, leading to fewer sidetracks and increased reservoir contact.

LithoTracker provides real-time, high-quality gamma ray images, helping maximize the value of your unconventional reservoirs.

TOOL FEATURE HIGHLIGHTS

- 3-axis shock and vibration sensors help in vibration mitigation and drilling optimization
- Plug-'n-play design for seamless system integration

TOOL DIMENSIONS		
Length	54.5 in. / 1.38 m	
MECHANICAL		
Diameter	1.875 in. (48mm)	
Operating Temperature	-40° C to 175° C; (-40° F to 347° F)	
Pressure	20,000 psi	
Max RPM	200	
PERFORMANCE		
Azimuthal Gamma	Range	0 – 1000 AAPI
	Accuracy	±5API @ 250API
	Number of Sectors	16
	Update Frequency	Every 10 seconds
Average Gamma	Range	0 – 1000 AAPI
	Accuracy	±5API @ 250API
	Update Frequency	Every 10 seconds
Continuous Inclination	Range	0 – 180 degrees
	Repeatability	± 0.2 degrees
	Update Frequency	Every 10 seconds
ENVIRONMENTAL		
Vibration	20 Grms, 50-1000Hz	
Shock (Z-axis)	500 G, 0.5 ms	
Shock (X or Y-axis)	500 G, 0.5 ms	