



**175C MWD GAMMA KIT SPECIFICATIONS (RETRIEVABLE KIT)**

<b>175C MWD GAMMA KIT SPECIFICATIONS (RETRIEVABLE KIT)</b>		<b>Drill-Tek Specs</b>	
<b>KINTECS / GAMMA MWD TOOL SPECIFICATIONS</b>	<b>Tool Features</b>		
	Telemetry Type	+VE	
	Tool Outer Diameter	47.49 mm	
	Length of Tool	(a) Directional Only	6.75 Meters
		(b) Directional & Gamma	7.63 Meters
	Dog Leg Severity (per 100')	90° per 100 capable	
	Flow Range (gpm)	75 gpm - 1100 gpm	
	Max Operating Temperature	175°C	
	Max Bit Pressure (psi)	N/A	
	Max Operating Pressure (psi)	20,000 PSI	
	Wireline Retrievable	Yes	
	Pressure Drop Through Tool OD for Water	at 250 gal / min	62.5 PSI
		at 500 gal / min	125 PSI
		at 1000 gal / min	250 PSI
	Realtime update Period (sec) < or = 45	Yes, Dependant on Pulse Width X Data Rate	
	Survey Time (sec) < or = 180	Yes, Dependant on Pulse Width X Data Rate	
	Survey During Sliding Mode & Rotary Mode	Tool Face & Gamma Only	
	Directional Measurement Point	With Gamma	5.47 Meters
		Without Gamma	4.59 Meters
	Measurement Accuracy	Tool Face	+/- 0.25°
		Azimuth	+/- 0.4°
		Inclination	+/- 0.1°
	Gamma Detector Type	APIGR	
	Lost Circulation Material (Max Size & concentration)	40 - 50 PPB Concentration & any size	
	Power Source (Operating time, Hrs)	With Gamma	Approx 400 hrs
		Without Gamma	Approx 600 hrs
	Gamma Realtime	Yes	
	Gamma Measurement Point from Bottom of Tool	2.52 Meters	
Recorded	Gamma Counts		
Data Transmission Rate	0.25 - 3 Bits / Sec		
MTF / GTF Switch	Tool must be programmed at surface for automatic switch at desired inclination. ie, 5°		
Mean Time Between Failure	2000 Hrs MTBF		
Repair Facility & Back-Up	Complete Tool Redundancy. Kit includes Purging, Testing & repair equipment. Technicians, Lab / repair facility located in Spruce Grove. Repair technicians at charge pending availability.		
<b>Manufacture / Model</b>		<b>Drill-Tek: DT001</b>	