



Century
GEOPHYSICAL, LLC

PRODUCT DESCRIPTION

Tool#: 9702		Part#: 318350	
ToolName:		Natural Gamma Deviation Tool	
Tool Description:		Used when natural gamma log and deviation data is required. The natural gamma sensor is located near the bottom of the tool to permit data acquisition near the total depth of the borehole. The deviation device uses two inclinometers and three magnetometers to determine precise borehole path and direction. The small diameter (41mm/1.625in) of the tool allows logging in 2.0 ID PVC casing, non-metalic metal casings, or open holes. The deviation test stand is recommend for both calibration of the device and routine tool checks for accuracy	
Tool Specifications		Illustration	
Length:	154.4 cm (60.0 in.)	9702 Natural Gamma /Deviation Tool 0.0 Natural Gamma 14.63 cm (5.76") 154.4 cm (60") Overall Length Inclination & Azimuth 149.86cm (59") Tool od is 41mm (1.625") and Weight in air is 7.46 Kg (20lb.) (Drawing Not to Scale)	
Diameter:	41 mm (1.625 in.)		
Weight:	7.46 kg (20 lb.)		
Temperature:	85 C (185 F)		
Pressure:	281 kg/cm2 (4000 PSI)		
Voltage Required:	36 vdc		
Logging Speed:	9 m/min. (30 ft./min.)		
Sensors			
1. Natural Gamma:			
2.2 x 10.2 cm(0.875 x 4.0 in.)			
NAI Scintillation			
Offset: 139.7 cm (55 in.)			
2. Inclination & Azimuth:			
2-axis Inclinometer and 3-axis Magnetometer.			
Offset: 38.1 cm (15 in.)			