



PRODUCT DESCRIPTION

Tool#: 9239		Part#: 320900	
ToolName:		Compensated Density Logging Tool	
Tool Description:		The Series 9239, Compensated Density logging tool uses the two focused density detectors to compute borehole compensated density real time while logging. No post processing required to produce CDL bulk density. Additionally, the tool also records natural gamma, caliper , and focused guard resistivity	
Tool Specifications		Illustration	
Length:	280.3 cm (110.35 in.)		
Diameter:	56 mm (2.2 in.)		
Weight:	32.7 kg (72 lb.)		
Temperature:	85 C (185 F)		
Pressure:	175 kg/cm2 (2500 PSI)		
Voltage Required:	56 vdc		
Logging Speed:	9m/min. (30ft/min.)		
Sensors			
1. Natural Gamma:			
2.2 x 10.16 cm (0.875 x4.0 in.)			
NAI Scintillation			
Offset: 45.7 cm (18 in.)			
2. 3-Element Guard Resistivity:			
101.6 mm (4 in.)			
center electrode, 141 cm (55.5 in.)			
Offset: 72.3 cm (28.5 in.)			
3. Caliper:			
Motorized, uphole actuated			
Offset: 259 cm (102 in.)			
4. Far Density:			
2.2 x 10.16 cm (0.875 x4.0 in.)			
35.8 cm (14.1 in.) spacing			
Offset: 243.3 cm (95.8 in.)			
5, Near Density:			
2.2 x 3.2 cm (0.875 x1.25 in.)			
20 cm (7.9 in.) spacing			
Offset: 259.3 cm (102.1 in.)			
6. Radioactive source:			
200-300 mCi Cesium 137 in bullplug			
Offset: 274.3 cm (108.0 in.)			
		<p>280.3 cm (110.35") Overall Length</p> <p>Tool od is 56mm (2.2") and Weight in air is 32.7 Kg (72lb.) (Drawing Not to Scale)</p>	