



PRODUCT DESCRIPTION

Tool#: 9144		Part#: 36700C	
ToolName:		Multi Parameter E-Log Tool	
Tool Description:		The Multi-Parameter E-Log tool is a multi-parameter resistivity tool primarily used for water well logging and monitoring wells. The tool records ten different parameters simultaneously in one pass of the borehole. The ten parameters are the following: natural gamma, spontaneous potential, single point resistance, 16 in. normal resistivity, 64 in. normal resistivity, 48 in. lateral resistivity, fluid resistivity, temperature, delta temperature, slant angle (tilt) and azimuth (bearing). Slant angle, bearing, and natural gamma are optional.	
Tool Specifications		Illustration	
Length:	244 cm (96 in.)	<p>9144 Multi Parameter E-Log Tool</p> <p>0.0</p> <p>Spontaneous Potential 27.7cm (10.9")</p> <p>64in Normal Resistivity 119.1cm (42.96")</p> <p>Lateral Resistivity 48in. 139.6cm (54.96")</p> <p>16in Normal Resistivity 170.2 cm (66.96")</p> <p>Single Point Resistance 190.5cm (75")</p> <p>Natural Gamma(optional) 198.1cm (78.5")</p> <p>Slant Angle & Azimuth 200.6 cm (78.9")</p> <p>Fluid Resistivity 228.6cm (90")</p> <p>Temperature & Delta Temp 236.2cm (93.8")</p> <p>244cm (96") Overall Length</p> <p>Tool od is 53mm (2.1") and Weight in air is 15 Kg (33lb.) (Drawing Not to Scale)</p>	
Diameter:	53 mm (2.1 in.)		
Weight:	15 kg (33 lb.)		
Temperature:	70 C (158 F)		
Pressure:	281 kg/cm2 (4000 PSI)		
Voltage Required:	36 vdc		
Logging Speed:	9m/min. (30ft/min.)		
Sensors			
1. Natural Gamma: (optional) 2.5 x 10.2 cm (1.0 x 4.0 in.) NAI Scintillation Offset: 198.1cm (78.0 in.)			
64 in. Normal Resistivity: Offset: 119.1 cm (42.96 in.)			
16 in. Normal Resistivity: Offset: 170.1cm (66.96 in.)			
4. Fluid Resistivity: Offset: 228.6 cm (90.0 in.)			
5. Lateral Resistivity 48 in. Offset: 139.6 cm (54.96 in)			
6. Spontaneous Potential: +/- 0.1 mv resolution Offset: 27.7 cm (10.9 in.)			
7. Single Point Resistance: +/- 0.1 ohm resolution Offset: 190.5 cm (75 in.)			
8. Temperature & Delta Temperature: 0.074 C (0.007 F) resolution Offset: 236.2 cm (93 in.)			
9. Slant Angle & Azimuth: 3-axis magnetometer and 2-axis inclinometer Offset: 200.6 cm (78.964 in.)			