



PRODUCT DESCRIPTION

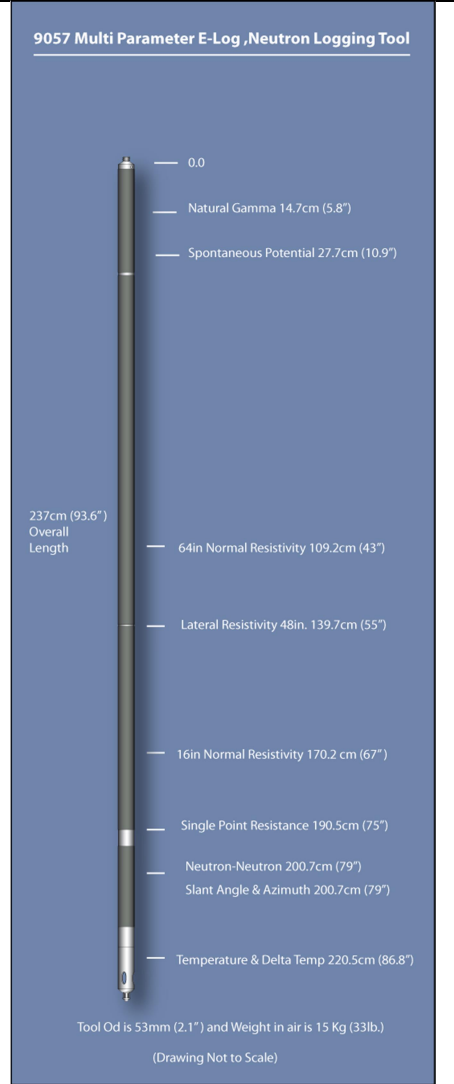
Tool#: 9057 **Part#: 336600**

ToolName: Multi Parameter E-Log Neutron Logging Tool

Tool Description: The Multi-Parameter E-Log, Neutron logging tool was developed to replace the 9055 which was historically Century's most popular tool. The tool duplicates all parameters on the 9055 while adding the 16 inch normal, 64 inch normal, and lateral resistivities. The 9057 natural gamma circuit features a low dead time and the ability to measure very high count rates making it a favorite for uranium logging. 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, neutron-neutron, temperature, delta temperature, slant angle (tilt) and azimuth (bearing). Slant angle, azimuth, and natural gamma are optional.

Tool Specifications Illustration

Length:	237 cm (93.6 in.)
Diameter:	53 mm (2.1 in.)
Weight:	15 kg (33 lb.)
Temperature:	80 C (176 F)
Pressure:	281 kg/cm2 (4000 PSI)
Voltage Required:	36 vdc
Logging Speed:	9M/min. (30ft/min.)



Sensors

Natural Gamma: 2.2 x 10.16 cm(0.875 x 4.0 in.) Nal Scintillation Offset: 14.7 cm (5.8 in.)
64 in. Normal Resistivity: Offset: 109.2 cm (43 in.)
16 in. Normal Resistivity: Offset: 170.2 cm (67 in.)
Neutron-Neutron: He 3 Detector 2.54 cm x 15.2 cm (1 in. x 6 in.) Offset: 200.7 cm (79 in.)
Lateral Resistivity 48 in. Offset: 139.7 cm (55 in)
Spontaneous Potential: +/- 0.1 mv resolution Offset: 27.7 cm (10.9 in.)
Single Point Resistance: +/- 0.1 ohm resolution Offset: 190.5 cm (75 in.)
Temperature & Delta Temperature: 0.004 C (0.007 F) resolution Offset: 220.5 cm (86.8 in.)
Slant Angle & Azimuth: 3-axis magnetometer and 2-axis inclinometer Offset: 200.7 cm (79 in.)



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