



PRODUCT DESCRIPTION

Tool#: 9098		Part#: 31600D	
ToolName:		Gyro Deviation Tool	
Tool Description:		Deviation information is valuable in mine planning and subsurface mapping. The gyroscopic device is used for measuring deviation through steel drilling rods or casings and in open holes where magnetic rocks occur. The digital solid state design uses a continuous reading gyroscope (modified Goodrich, or WellNav), with information recorded at operator selectable sample intervals. It is not necessary to stop to take station data. Natural Gamma and Magnetic Azimuth are optional. All software to process survey data (including drift corrections) is included in the Log and Display programs which is included with the System VI logging system	
Tool Specifications			
Length:	242.6 cm (95.5 in.)		
Diameter:	42 mm (1.63 in.) (upper) 45 mm (1.75 in.) (lower)		
Weight:	13.4 kg (29.5 lb.)		
Temperature:	85 C (185 F)		
Pressure:	232 kg/cc (3300 PSI)		
Voltage Required:	60 vdc		
Logging Speed:	15 m/min. (50 ft./min.)		
Sensors			
1. Natural Gamma (optional):			
2.2 x 10.2 cm (0.875 x 4.0 in.) Nal Scintillation Offset: 29.7 cm (11.7 in.)			
2. Tilt measurement:			
X-Y Inclinometers Offset: 31.2 cm (79.2 in.)			
3. Gyro:			
Mechanical 2 degrees of freedom Offset: 224 cm (88.2 in.) Sold Separately			
4. X-Y-Z Magnetometer (optional):			
Offset: 31.2 cm (79.2 in.)			
Accessories Required:			
Landing Table & Legs Sighting Scope Gyro Surface Power Supply Switching Box, and SRG GyroLogging Cable			
Requirements: 4 Conductor			
		Illustration	
		<p>9098 Gyro Deviation Logging Tool</p> <p>0.0</p> <p>Natural Gamma 29.7cm (11.7") (Optional)</p> <p>242.6 cm (95.5") Overall Length</p> <p>Gyro: Mechanical 224 cm(88.2")</p> <p>X-Y Inclinometers 201cm (79.2") X-Y-Z Magnetometer(Optional)</p> <p>Tool Od is 60.96mm (2.4") and Weight in air is 16.82Kg (37lb.) (Drawing Not to Scale)</p>	



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