



*Description: The Gyro borehole orientation probe is a digital probe that measures the position of the probe within the borehole relative to the starting position of the survey. The position of the probe is reported two times per second. The probe is equipped with two gyro sensors. The gyro sensor is a gimbal mounted rotating mass sensor measuring the rate changes of the probe relative to the spinning axis of the rotating mass.*

Diameter: 2"

Length: 87"

Weight: 13.2 Lbs.

Sensor Design: Gimbal mounted rotation mass

Rotation Speed: 15,000 rpm

Sensitivity: 0.0001°/sec

Maximum Response 100°/sec

Dynamic Range 360°

Maximum Load: 200 lbs.

Vibration: Random (20-2000 Hz) 30g

Vibration: Shock 600g, 30msec

Tilt: Dynamic Range +/-90°, Sensitivity 0.01°

Sample Period: 2 samples per second

Maximum Depth: 6550'

Temperature Storage: -31 to +158° F

Temperature Operating: 0 to +158° F.

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