

All-attitude high-accuracy solid-state gyro compassing tool

Designed for high angle and horizontal borehole surveying applications



THREE AXIS GYROSCOPE

The three-axis GyroPath90 is designed with state-of-the-art solid-state sensors that provide more robust and accurate results at any inclination and azimuth.

ACCURATE RESULTS IN EXTREME CONDITIONS

The GyroPath90 tool uses three solid-state single axis gyroscopes to measure the earth's rotation and three solid-state accelerometers. The system is designed for fast gyro compassing in E-line, memory or in a drop-gyro configuration.

IMPROVED PERFORMANCE AND QC

The new GyroPath90 provides better overall performance than clunky mechanical gyros used by our competitors, with no mass imbalance or shifts in calibration. QC is robust and transparent.

INSTANT RESULTS

GyroPath90 tools are fast with gyro compassing times as low as 1.5s and are completely digital - survey results are available immediately upon recovery.

RELIABILITY

The GyroPath gyro family is one of the most rugged and reliable designs in the industry, making it the most dependable instrument available for use for all survey applications with 1000's of runs to date.



SPECIFICATIONS:

Sensor Type : Inclination	
Type :	Triaxial
Range :	0-180°
Accuracy :	±0.1°
Shock :	6000G
Sensor Type : Gyroscope	
Type :	Triaxial
Range :	0-360°
Accuracy :	±0.1°
Shock :	2000G
Sensor Type : Temperature	
Type :	Solid-state
Range :	-30°C to +85°C
Accuracy :	±1°
Shock :	N/A

DIMENSIONS:

Bare Instrument	
Diameter :	30 mm (1.18")
Length :	1.14m (44.9")
Weight :	4.05Kg(8.9lbs)
In pressure barrel	
Diameter :	38.1mm (1.50")
Length :	1.88m (73.8")
Weight :	8.6Kg(19lbs)
Pressure rating :	3,000 psi
30 hours runtime (memory limited) -30°C to +85°C temperature range Soft LSH 14 (C size)	

