

North seeking gyro compassing and all-attitude rate-continuous gyro system.

Flexibility, efficiency and high-speed



ACCURATE RESULTS IN EXTREME CONDITIONS

GyroOne is designed with state-of-the-art solid-state sensors that provide more robust and accurate results up to 70 degrees inclination in gyro compassing mode and all-attitude (all angles and azimuths) in high-speed rate-continuous mode.

The GyroOne tool uses two solid-state single axis gyroscopes to measure the earth's rotation, or rate of change, and three solid-state accelerometers. The system is designed for fast gyro compassing and or rate continuous in E-line, memory or in a drop-gyro configurations.

ADVANCED SOLID-STATE SENSOR PERFORMANCE

The new GyroOne provides better overall performance than low quality and high drift sensors used by our competitors, with an extremely stable calibration performance.

HIGH-SPEED SURVEYING

GyroOne tools are fast with gyro compassing times as low as 1.5s and rate continuous surveying up to 500 ft per minute and are completely digital - survey results are available immediately upon recovery or instantly if using E-line.

RELIABILITY

GyroOne 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 thousands of runs to date.

INSTANT SURVEY QA/QC

Robust survey quality control is available immediately during or after the survey in an easy to understand and auditable format.

SPECIFICATIONS:

Sensor Type : Inclination	
Type :	Triaxial
Range :	0-180°
Accuracy :	±0.1°
Shock :	6000G
Sensor Type : Gyroscope	
Type :	Dual Axis
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)	

