



Stockholm
Precision Tools



GyroMaster™

North seeking with solid state sensors for all downhole applications



The only gyro in the mining industry that is capable of continuous surveying from True vertical and up

GyroMaster™

Technical specifications

Accuracy		Operation	
Inclination	± 0.05°	Operating range	Vertical, horizontal and inclined
Azimuth accuracy	± 0.5° *	Inclination range	-90° to +90°
Positional accuracy	<0.1% (NS, EW, Alt) **	Temperature range	-30°C up to 60°C (-22°F up to 140°F)
* Quoted at 3 sigma (99.7% assurance)		Pressure rating	50 MPa (7250 psi)
Performance		Collar azimuth required	No
Survey speed	Up to 150 m/min (492 ft/min)	Shock rating	2000g Axial ½ sine, 2ms
Average survey time for 1000m	15 minutes	Software	
Azimuth repeatability	± 0.5°	Export	Bluetooth, WiFi, email, USB
Gravity toolface accuracy	± 0.15°	Format	PDF, Excel, CSV, LAS, DXF
Gyro toolface accuracy	± 0.5°	Survey report	Generate at any interval
Bluetooth® connection	Long range	Graphic generation	2D, 3D
RC survey option	Yes	Equipment	
Methods		Diameter	42mm (1.65")
Survey mode	Continuous, multi-shot and single shot	Weight	8 kg (17.6 lbs)
Real-time mode	Telemetry	Length (with battery)	1844mm (72.6")
Memory mode	Battery	Length (with telemetry)	1463mm (57.6")
		Battery life	20 hours (rechargeable)

Not affected by magnetic field

The GyroMaster™ can be used in magnetic fields as it measures the projection of the angular velocity of the earth on its axis of rotation.

Highest standard of quality control - QC/QA

The GyroMaster™ uses our proprietary *Navigore™* technology, which can register data points at every centimeter for industry leading accuracy. Capable of surveying in any application, customers can automatically create highly accurate independent survey. Obtain data in real-time and automatically generates detailed pdf reports that verify collected data via separate independent surveys.

Pull core and complete survey at the same time

Improve your team's efficiency by doing two tasks at once. With our *Core Retriever™* overshot assembly you can pull cores and survey simultaneously. Increase drilling productivity and deliver great results.

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