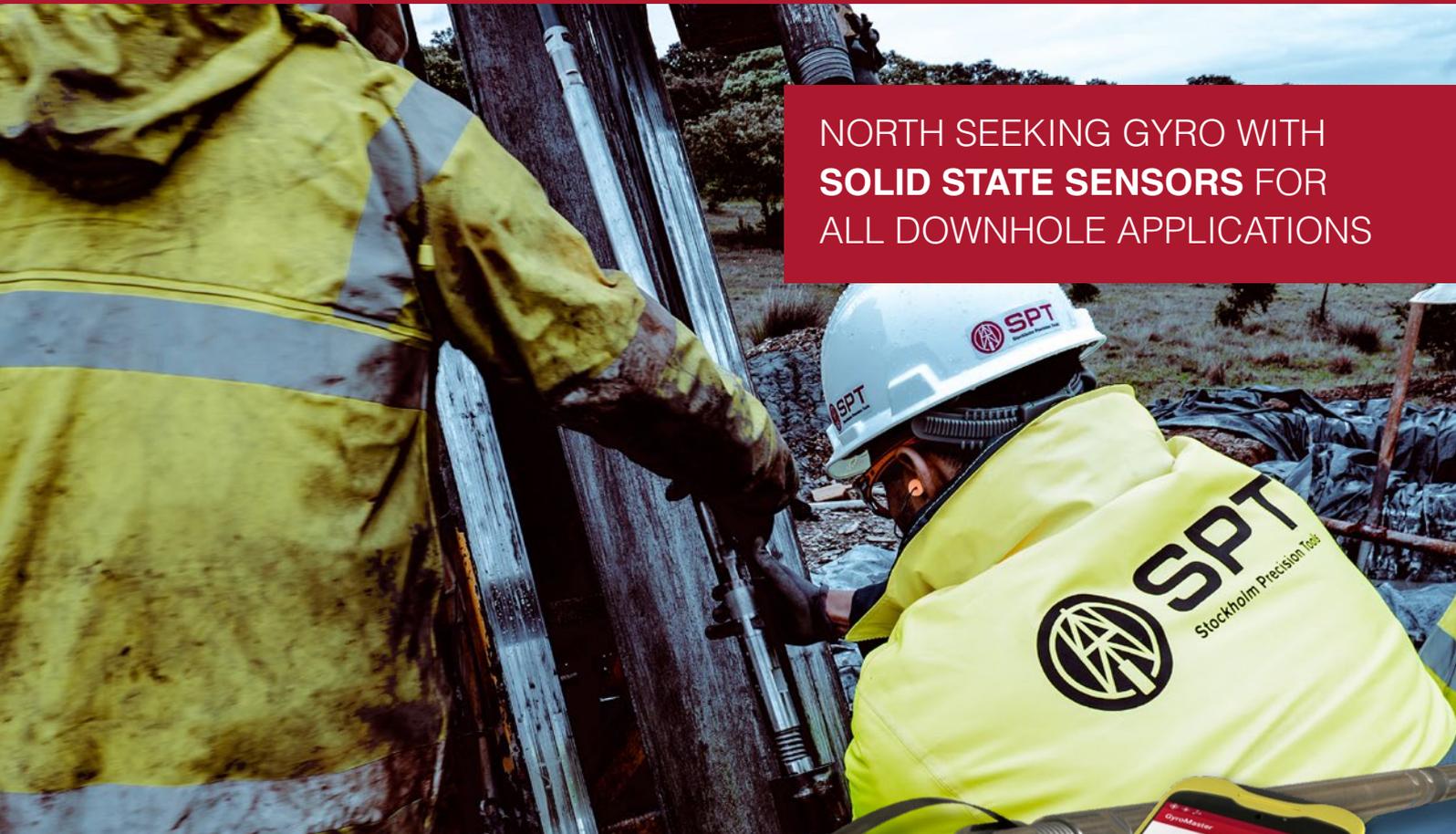


# GyroMaster™



**NORTH SEEKING GYRO 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**

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## 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)	
<th>Performance</th> <td>Collar azimuth required</td> <td>No</td>		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	<th>Software</th>		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	<th>Equipment</th>		Equipment
<th>Methods</th> <td>Diameter</td> <td>42mm (1.65")</td>		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 Navibore™ 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™ overshoot assembly you can pull cores and survey simultaneously. Increase drilling productivity and deliver great results.

## For more information

Contact us at [sales@sptab.com](mailto:sales@sptab.com) or [www.sptab.com](http://www.sptab.com)

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