



WORLD'S SMALLEST RATE GYRO

Rapid results - all inclinations

Extremely low power

Ultra slim





Data Sheet



SlimGyro Accuracy

Inclination	$\pm 0.1^\circ$
Gravity Highside	$\pm 0.2^\circ$
Gyro Toolface	$\pm 0.2^\circ$
Azimuth	$\pm 0.5^\circ$
Position	$< 0.2\%$ (2m / 1000m)*

SlimGyro Specifications

Rate capability	$\pm 1000^\circ/s$
Power consumption	0.2 W (5 mW in sleep mode)
Memory	4 GB
Communication method	Built in Bluetooth 2.1
Temperature range	$-20^\circ\text{C} - 80^\circ\text{C}$
Dimensions	Diameter 21.56 mm, Length 234 mm
Running gear	26 mm O.D. (1.20" heat shield option)

Battery Specifications

Charge lifetime	80 hours
Type	Rechargeable NiMH technology
Dimensions	Diameter 21.56 mm, Length 439 mm

Control & Processing

Field control unit	Algiz 10X, rugged tablet PC, (MIL-STD-810G)
Operating time	10 hours normal use
Survey software	Surveyor for processing, presentation & quality control
Survey modes	Multishot, continuous and delayed start
Operating system	Windows 7, 8, 10. 32 & 64 bit
Transfer & processing time	< 5 min per hour of survey data

*Depending on borehole profile and survey procedure.

Inertial Sensing One
Hörnåkersvägen 6A
SE-183 65 Täby - Sweden
Ph.+46 (0)708 98 04 59
info@inertialsensing.com
www.inertialsensing.com

Solid experience
Reliable products
Excellent support

