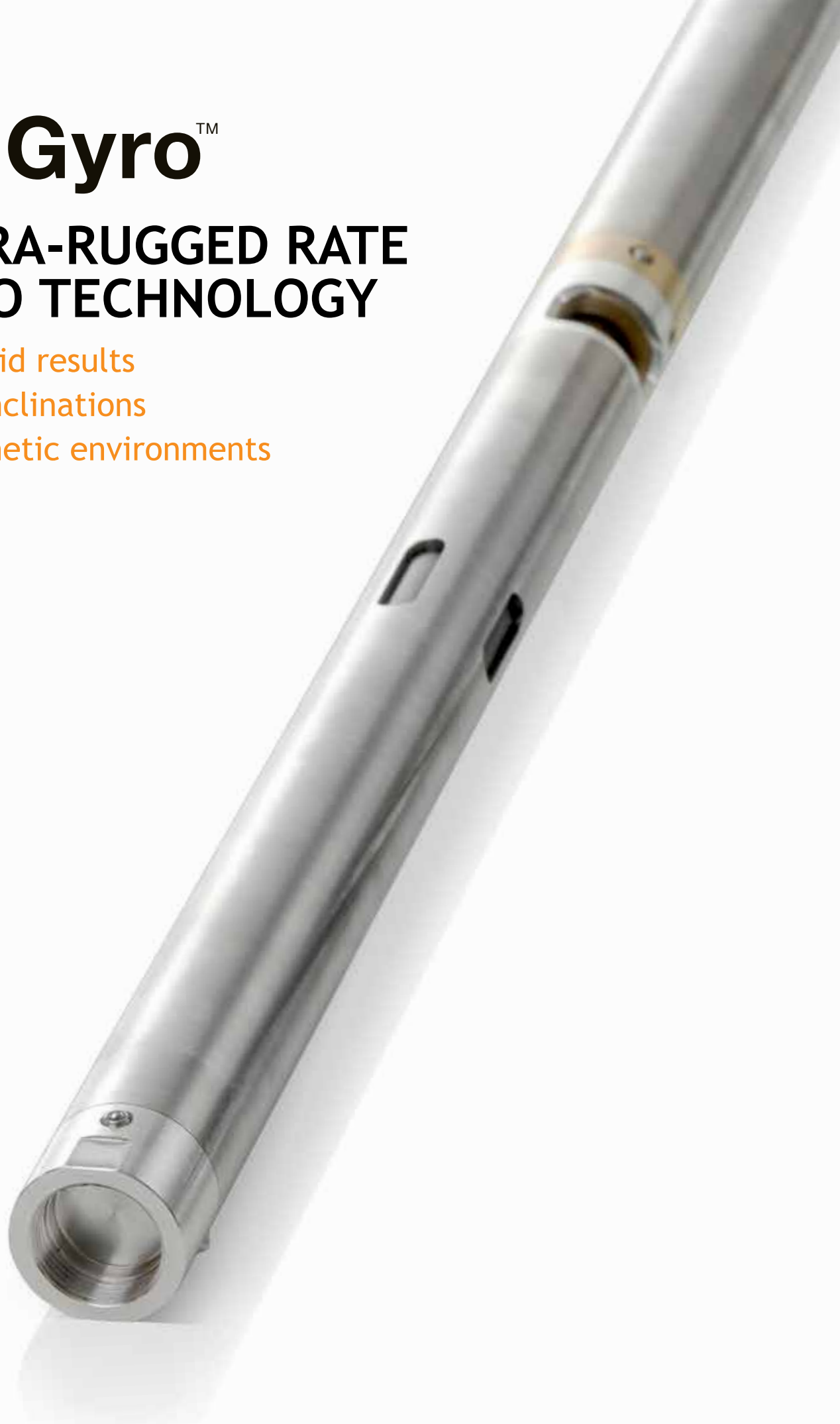




# ULTRA-RUGGED RATE GYRO TECHNOLOGY

Get rapid results  
At all inclinations  
In magnetic environments





# Data Sheet



## isGyro 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)*

## isGyro Specifications

Rate capability	$\pm 1000^\circ/s$
Power consumption	1 W
Memory	4 GB
Communication method	Built in Bluetooth 2.1
Temperature range	$-20^\circ\text{C} - 70^\circ\text{C}$
Dimensions	Diameter 32 mm, Length 378 mm
Running gear	38 mm O.D. (1.75" heat shield option)

## Battery Specifications

Charge lifetime	20 hours
Type	Rechargeable NiMH technology
Dimensions	Diameter 32 mm, Length 379 mm

## Control & Processing

Field Control unit	Algiz 7, rugged tablet PC, (MIL-STD-810G)
Operating time	10 hours normal use
Survey software	isSurveyor for processing, presentation & quality control
Operating system	Windows XP, 7, 8, 10. 32 & 64 bit
Transfer & processing time	$< 5\text{ min per hour of survey data}$

\*Depending on borehole profile and survey procedure.

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