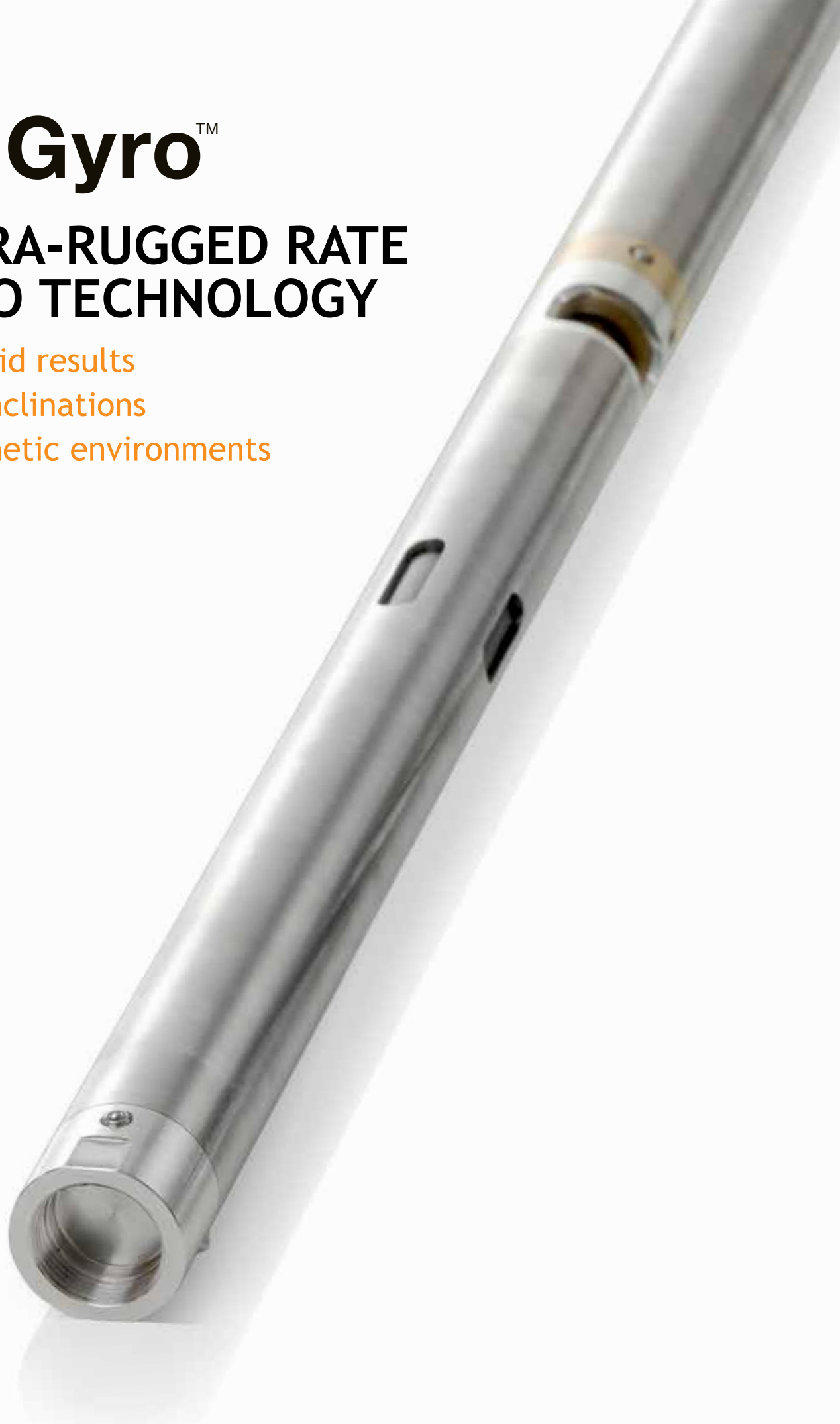




ULTRA-RUGGED RATE GYRO TECHNOLOGY

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 min per hour of survey data |

*Depending on borehole profile and survey procedure.

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Solid experience
Reliable products
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