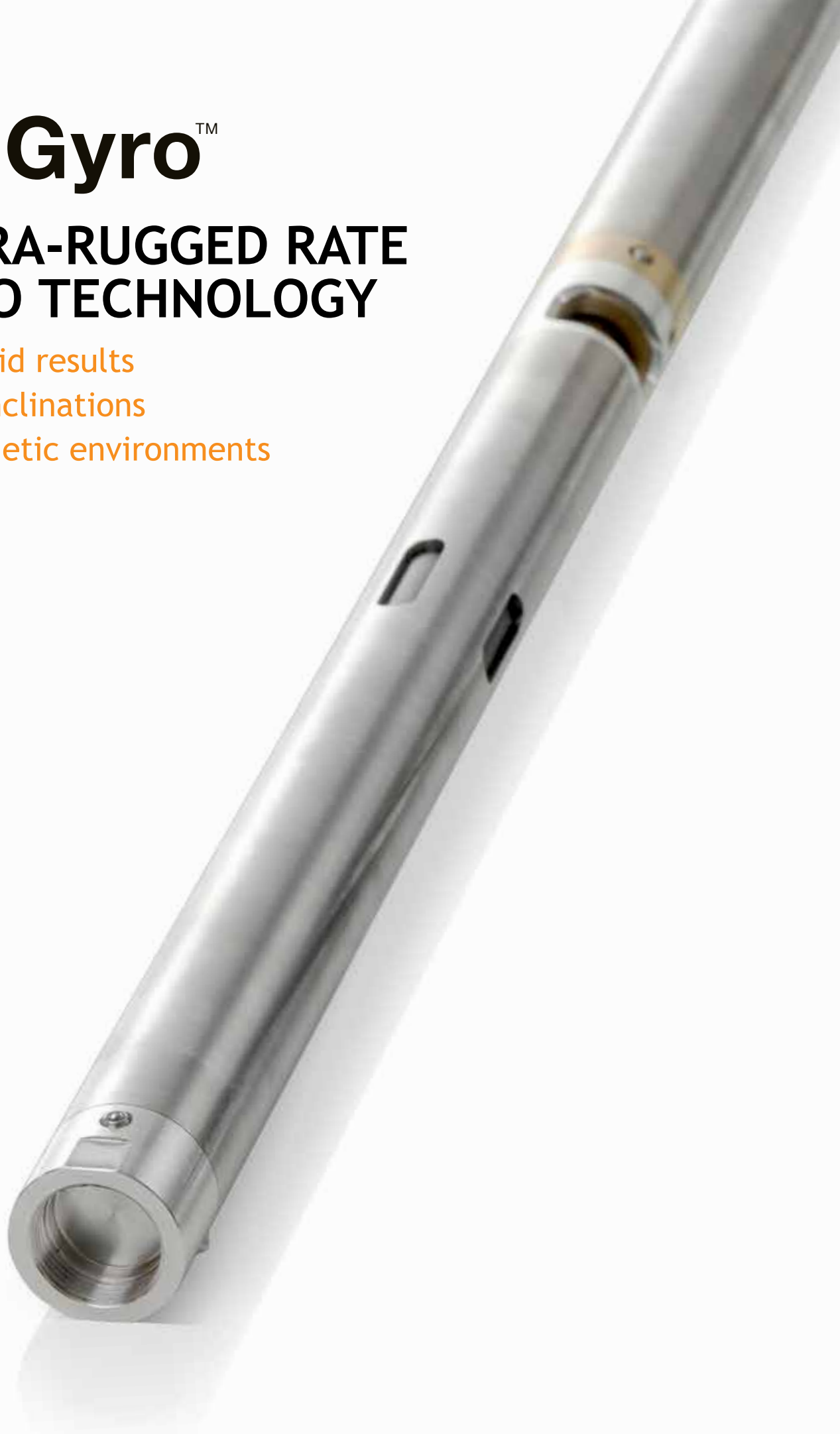




# ULTRA-RUGGED RATE GYRO TECHNOLOGY

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    | 0.2 W (5 mW in sleep mode)            |
| Memory               | 4 GB                                  |
| Communication method | Built in Bluetooth 2.1                |
| Temperature range    | -20° C - 80° C                        |
| Dimensions           | Diameter 32 mm, Length 378 mm         |
| Running gear         | 38 mm O.D. (1.75" heat shield option) |

### Battery Specifications

|                 |                               |
|-----------------|-------------------------------|
| Charge lifetime | 200 hours                     |
| Type            | Rechargeable NiMH technology  |
| Dimensions      | Diameter 32 mm, Length 379 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

