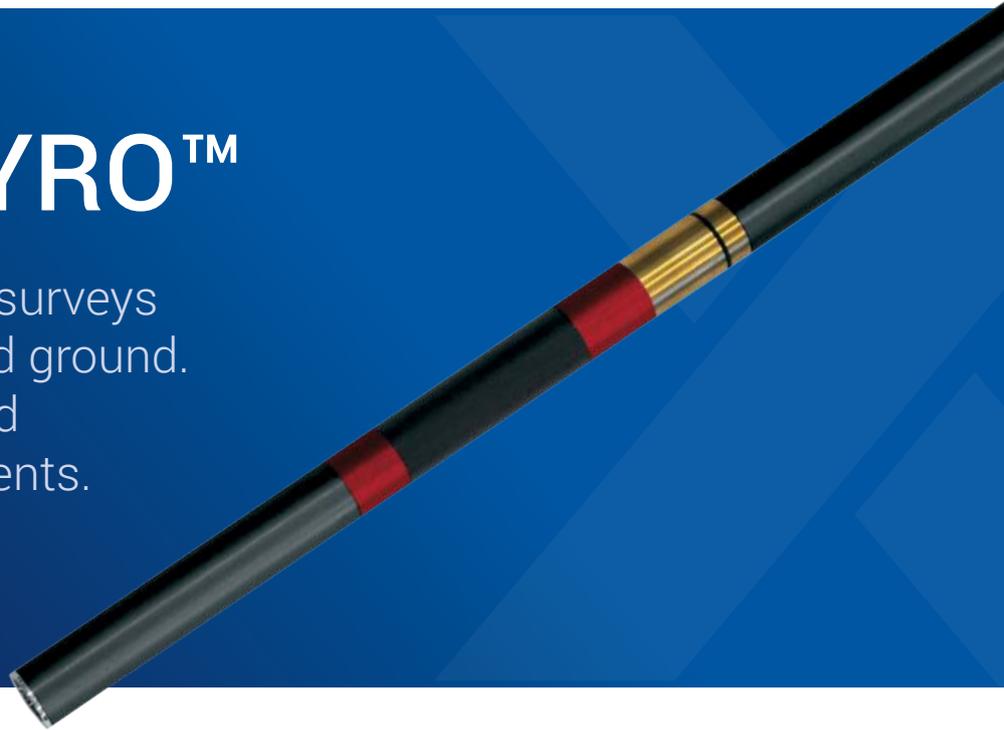


REFLEX GYRO[™]

Cost effective, accurate surveys
in magnetically disturbed ground.
Effective in magnetic and
non-magnetic environments.



The REFLEX GYRO[™] is a complete downhole surveying instrument capable of surveying in all environments, magnetic and non-magnetic. With proven reliability and accuracy, it utilises a digital surface referenced MEMS-gyro. Survey data, once brought to the surface, can be transferred from the on-board memory to the field PC via a high-speed bluetooth connection. The full set of data readings can be processed using the advanced REFLEX GMIT5[™] navigation software, where users can tabulate, plot and export data into various formats for enhanced decision making.



Design for Operation by Drillers

The REFLEX GYRO[™] is simple to use but has been designed with highly sophisticated technology inside to deliver exceptionally accurate survey results.

It can be efficiently operated by drillers on-site for cost effective surveying. The REFLEX GYRO[™] does not require a live wireline for operation.



Superior Survey Data

Highly accurate survey data is obtained through customised running gear, ensuring the highest quality survey data is collected, including vertical surveying.

A large range of data types, including directional data (azimuth and dip), temperature, time and roll are recorded in the onboard memory. Reports can be generated through REFLEX GMIT5[™] and are available in xls, dxf, ASCII and ODS formats. The data cannot be altered and can be used for QA/QC and audit purposes.



Survey in All Environments and Directions

The REFLEX GYRO[™] is not affected by magnetic interference and can be used inside all types of drill rods or in magnetically disturbed ground, eliminating the need to use non-magnetic drill pipe configurations.

It measures in all directions and is not affected by inclination, it can therefore be used in surface and underground operations and wireline or conventional drill rigs.

DIMENSIONS

| | |
|----------------|-------|
| Outer diameter | 32mm |
| Length | 807mm |
| Weight | 1.1kg |

OPERATING ENVIRONMENT

| | |
|-------------------|-------------------------------|
| Temperature range | 0°C to + 70°C (32°F to 158°F) |
| Dip | +/- 0.2° |
| Azimuth | +/- 0.5° |

ACCURACY

| | |
|---------------------|---|
| Toolface | Gravity toolface +/- 0.3° Gyroscopic toolface +/- 0.5° |
| Positional Accuracy | 1% of surveyed depth |

DIGITAL INTERFACE

| | |
|-----------|----------------------|
| Interface | High speed Bluetooth |
|-----------|----------------------|

RUGGED FIELD PC

| | |
|------------------|-------------------------------------|
| Operating system | Windows 7, Windows XP |
| Other features | Built-in high speed bluetooth, WLAN |

OTHER FEATURES

| | |
|--------------------|---|
| Optional Equipment | Vertical centralisers APS Conventional running gear High temperature version available TN14 |
|--------------------|---|

BATTERY

| | |
|--|---|
| High capacity rechargeable NiMH battery packs. | |
| Operating time | Up to 8 hours, depending on environment |

Further Information

For more information please go to our website www.reflexnow.com or contact your nearest REFLEX office.

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