



High-speed north seeking gyro

Description

The SPRINT-IQ is a north seeking gyro available in continuous, single-shot, multi-shot and overshoot modes, providing highly accurate survey data at high speeds.

The reliable and robust solution is well suited to underground and surface drilling environments of the mineral exploration industry.

Application

Working closely with drilling operators, IMDEX developed universal running gear to ensure that the SPRINT-IQ can be used in all standard RC and diamond coring applications.

When using the REFLEX GYRO SPRINT-IQ™ there is less downtime, so drillers can drill more metres in less time, increasing productivity. The high-speed advantages come at no degradation of the accurate survey results, benefiting geologists.

Integration

The SPRINT-IQ is connected to the award-winning, cloud-based IMDEXHUB-IQ™, offering a streamlined data solution including secure chain of custody and QA/QC, and near real-time access to reliable drilling data.

SPRINT-IQ is designed to ensure highly accurate data is collected and to provide the secure transmission of the data to the end user. The seamless transfer from field to office significantly reduces human errors related to processing and interpretation, bringing you critical borehole information on which you can rely.

Advantages

- Accurate, high-speed surveying
- Seeks out True North with no risk of magnetic interference
- Increase productivity and reduce downtime by surveying during the normal drilling cycle
- Vertical and angled orientation – fast and accurate orientation of bottom hole assemblies without the need for costly, non-magnetic alloys.
- Driller-operable with intuitive interface for ease-of-use
- IMDEXHUB-IQ connected

Dimensions

Length	1400mm including battery*
Outer Diameter	42.5mm
Weight	8kg including battery*

Operational environment

Operational Temperature	0°C to + 70°C (32°F to + 158°F)
Depth	6,000psi (3,000m fresh water)
Shock	500g (including bump sub)

Performance

Azimuth	+/- 1° **
Dip	+/- 0.3°
Survey	Single and multi-shot modes, continuous mode
Data	CSV export
Survey Time	>50m/minute, continuous

Battery

Battery Type	Ni-MH Rechargeable batteries
Battery Life	15 hours each
Field Changeable	Yes, 2 batteries supplied per kit

Performance

Quantity	11 hours of continuous data
Export	USB and WiFi
Format	CSV

*Excluding running gear

**Results depend on latitude and inclination

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