

**OMNIX™ 38**

**IMDEX™**



**North seeking and all-attitude  
continuous gyro**

## Description

OMNIx38™ is a premium north seeking and all-attitude continuous gyro delivering the highest performance accuracy ratings in downhole navigation. Advancing on the market-leading REFLEX GYRO SPRINT-IQ™, OMNIx38 further reduces uncertainties associated with survey measurements to provide geologists with critical borehole information they can trust, in a small form factor catered to the driller and operator.

Capable of running up to 150m/min in continuous, single, and multi-shot modes at all angles\*, OMNIx38 is suited to most standard reverse circulation and diamond drilling applications in surface and underground environments. Engineered to optimise productivity and the end user experience, the system features wireless data transfer, Bluetooth communication, an efficient workflow and ultra-fast descent speed.

\*Dependent on mode and angle, rig alignment device may be required

## Data Solution

The OMNIx38 is connected to the award-winning cloud based IMDEXHUB-IQ™, offering a streamlined data solution including secure chain of custody, QAQC and real-time access to reliable drilling data.

The seamless transfer of OMNIx38 data from field to office significantly reduces human errors related to processing and interpretation and enables integration with IMDEX's comprehensive offering of rock knowledge solutions.

## Advantages

- Highest performance accuracy ratings in downhole navigation
- Continuous north seeking mode in vertical drill holes
- Improve productivity and survey downtime through fast descent speed and intuitive workflow
- Bluetooth data communication and wireless setup reduces manual handling and improves ease of use in drilling environments
- Light weight reduces material lifting and injury risks
- Advanced QAQC results immediately after downloading surveys
- IMDEXHUB-IQ Integration

## Dimensions

|                        |        |
|------------------------|--------|
| Outer diameter         | 38mm   |
| Length (inc. battery)  | 1900mm |
| Weight (inc. battery*) | 8kg    |

## Operational Environment

|                         |                                 |
|-------------------------|---------------------------------|
| Operational Temperature | 0°C to + 70°C (32°F to + 158°F) |
| Depth                   | 6000psi                         |
| Shock                   | 500g (including bump sub)       |

## Performance

|              |  |
|--------------|--|
| Azimuth**    | ± 0.19° (At 0° Latitude)   |
| Dip          | ± 0.25°  |
| Survey Modes | Singleshot & Multishot NS (±30° to ± 90° dip)<br>Continuous NS (±30° to ± 90° dip)<br>Continuous Manual Ref.*** (+30° to -30° dip) |
| Survey Time  | Up to 150m/minute  |

## Battery

|                  |                                   |
|------------------|-----------------------------------|
| Type             | Ni-MH Rechargeable batteries      |
| Operating time   | 15 hours each                     |
| Field chargeable | Yes, 2 batteries supplied per kit |

## Data

|          |                                 |
|----------|---------------------------------|
| Quantity | 11 hours continuous survey data |
| Export   | WIFI (IMDEX HUB-IQ)             |

\*Excluding running gear

\*\*Results depend on latitude and inclination. Accuracy quoted at 1σ and -70deg dip, 90s NS.

\*\*\*Using rig alignment device for starting reference

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