

DeviGyro RG30 SLIMLINE

IMDEX™



**Multipurpose survey solution for
slim drill hole applications**

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Description

The DeviGyro RG30 Slimline is a multipurpose navigational solution developed for small diameter and challenging survey applications such as blast & injection drill holes.

Featuring a lightweight and robust design, the DeviGyro RG30 Slimline is ideal for manual, short hole surveying where a feeder mechanism, such as the DeviRodder, is required. With this combination the gyro can easily be deployed into the hole and reeled back out while surveying in both directions, continuously or in multi-shot mode.

Without survey angle limitation, the DeviGyro RG30 Slimline supports up hole and horizontal hole surveying. In addition, its titanium housing offers superior strength and gyro protection, particularly important for surveying in open hole environments.

Integration

From the drill rig to the office, DeviGyro data integrates with IMDEXHUB-IQ™ to securely optimise data transition and management whilst minimising manual entry error.

Devico's DeviAligner provides the DeviGyro with the most accurate starting direction and enables directional surveying at any angle.

Advantages

- Up to 100 m/min continuous survey speed and quick setup time
- Robust, titanium running gear
- Precise repeatability at all angles
- Intuitive operating software
- True wireless - connects when fully assembled
- Scandinavian made - robust and reliable
- Immediate, comprehensive QA check
- Commercially available battery
- Not affected by magnetics



Applications

- Drill and blast
- Injection holes
- Grout holes
- Pilot holes
- Canopy Tubes
- Surface & underground

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Running gear 1400 mm/55.1 in
DeviGyro sensor 140 mm/5.5 in



Running gear 30 mm/1.2 in
DeviGyro sensor 25mm/1 in



Running gear 2.5 kg/5.5 lbs
DeviGyro sensor 0.2 kg/0.4 lbs



Azimuth accuracy:
 $\pm 0.1^\circ/100m$



Typical positional accuracy:
0.2%



Inclination accuracy:
 $\pm 0.1^\circ*$



Toolface accuracy:
 $\pm 0.2^\circ*$

*Calibrated for temperature range -10°C to +60°C

Specifications

Pressure (bar/psi)	300bar/4350psi
Temperature range	-20° to +60°C/-4° to 140°F
Azimuth accuracy	$\pm 0.1^\circ/100m$
Typical positional accuracy	0.2%
Inclination accuracy	$\pm 0.1^\circ*$
Tool face accuracy	$\pm 0.2^\circ*$
Azimuth range	0°-360°
Inclination range	-90°- +90°
Temperature	Recorded
Survey mode	Continuous or multishot
Survey speed	Up to 100 m/min
Affected by magnetics	No
Memory	6h 40min
Data communication	Wireless

Battery

Battery type	1x CR 123a
Battery capacity, continuous use	24 hours

Handheld Device

Type	Android Smartphone
Software	DeviGyro App
Battery capacity, continuous use	15 hours
Battery type	Lithium
IP rating	IP68

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