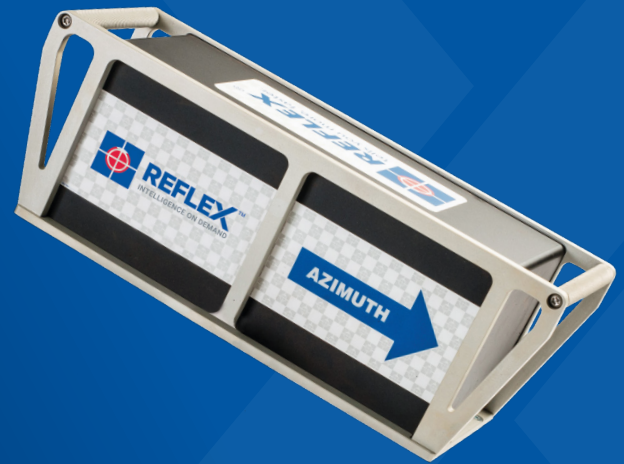


REFLEX TN14 GYROCOMPASS™

Minimise downtime and save costs – accurate and repeatable driller operated rig alignment.



The REFLEX TN14 GYROCOMPASS™ improves productivity dramatically by quickly and accurately aligning drill rigs in surface and underground operations. The REFLEX TN14 GYROCOMPASS™ takes approximately 10 minutes to complete its self calibration and a drill rig can then be aligned to the correct azimuth and dip within minutes. The unit is supplied with a single internal battery. With a dip range of +/- 90°, the REFLEX TN14 GYROCOMPASS™ has the flexibility to improve productivity in all drilling conditions. Direct data communication with the secure, cloud-based IMDEXHUB-IQ™ allows efficient drill program management in near real time, from anywhere.



Worldwide Data Access

Drillhole coordinates can be entered directly into the hand held on site or pre-loaded from any location worldwide and sent directly to the rig using IMDEXHUB-IQ™.

Drillhole alignment data is transferred back into IMDEXHUB-IQ™, so geologists can effectively manage their drilling program remotely, without leaving their office; no physical file transfers are required. Pre-loading coordinates reduces the risks and associated costs of human error caused by entering incorrect coordinates, and ensures drill collars are accurate.

Improved Operational Efficiency

The REFLEX TN14 GYROCOMPASS™ is designed to improve productivity on-site.

When coupled with the IMDEXHUB-IQ™ the cloud-based solution provides time-stamped data capture and instantaneous survey and collar alignment data to support timely decision making.

Visual Interface

The REFLEX TN14 GYROCOMPASS™ has a large visual interface built into the wireless handheld unit, showing live movement, through clear, simple graphics, to guide alignment of the foot clamp assembly and improve operator safety.

The visual interface makes it easy to quickly see which direction the rig needs to move to accurately and easily align to the correct dip and azimuth, improving alignment efficiency. The wireless handheld unit does not require cables, ensuring a safer operating environment.

FIELD CALIBRATION TIME

Calibration time <12 minutes

ACCURACY

Sensor:

Azimuth (latitude dependant) +/- 0.2°
Dip +/- 0.05°

System:

Azimuth (latitude dependant) +/- 0.5°
Dip +/- 0.2°

OPERATING RANGE

Operating time with fully charged battery Approximately 10 hours continuous
Dip range +/- 90°
Azimuth range +/- 87°

TEMPERATURE

Operating -10°C to +60°C (14°F to 140°F)
Storage -40°C to +85°C (-40°F to 185°F)
Environment 95% humidity

FOOT CLAMP SIZES

Outer diameter 55mm to 90mm
Width To suit B to H size, 55mm to 90mm.

Further Information

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

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