

PRODUCT DATA SHEET

EZ-TRAC™

IMDEX™



**Driller operated,
multi-shot survey instrument.**

Description

The EZ-TRAC™ is a digital downhole survey instrument that is multifunctional, easy to operate, accurate and reliable. The EZ-TRAC is able to transfer vital downhole data in real-time via the android based EZ-TRAC App available on an IMDEX supplied tablet.

Application

EZ-TRAC is a high precision magnetic and gravimetric instrument, capable of performing single shot, multi-shot and orientation surveys.

The EZ-TRAC workflow is efficient and user-friendly whilst its durable design ensures a minimum amount of time and cost for maintenance and repair.

Aluminium extension rods are added to place the instrument away from magnetic interference caused by drilling equipment. The 35mm integrated pressure barrel is completely sealed against water entry and has a depth rating of 5,000m.

Integration

Results are automatically calculated and displayed on the supplied handheld device within our user-friendly EZ-TRAC App. Survey data is uploaded to the award-winning cloud-based IMDEXHUB-IQ™ which offers a secure chain of custody and QA/QC, for access by geologists anywhere, anytime.



Advantages

- Performs surveys in all directions including vertical with high accuracy
- Robust and reliable
- Unlike older photomechanical survey instruments, the EZ-TRAC can measure the total magnetic field in nano Tesla (nT) and immediately indicate the quality of the azimuth.

Depth rating

5,000m vertical in fresh water

Dimensions

Length (without extension rods)	1,030mm
Diameter	35mm
Weight	4.7kg

Operational environment

Full accuracy (calibration range)	0°C to 60°C (32°F to 140°F)
Operational temperature	-30°C to 85°C (-22°F to 185°F)
Storage temperature	-45°C to 85°C (-49°F to 185°F)

Performance

Azimuth

Range	0 to 360°
Accuracy	± 0.35°

Dip

Range	± 90° from horizontal
Accuracy	± 25°

Gravity roll

Range	0 to 360°
Accuracy	± 0.25°

Magnetic roll

Range	0 to 360°
Accuracy	± 0.35°

Tool magnetic field

Range	0 to 100,000 nT
Accuracy	± 50 nT

Magnetic dip

Dip Range	0° to ± 87°
Accuracy	± 1°

Battery

Battery type	Non-rechargeable Lithium battery pack
Battery life	
Infrequent use	4 years
Normal use	2 years
Heavy use	1 year

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