

REFLEX EZ-TRAC™

Built to make your life easier



The Reflex EZ-TRAC has been designed to be multifunctional, easy to operate, highly accurate, robust and reliable. The Reflex EZ-TRAC is built to make life EZ.

Key Features & Benefits

- Easy to operate
- Robust and durable
- Single Shot, Multi Shot and Orientation capabilities
- Completely water proof
- Minimal service requirements
- Survey data can be easily viewed on a PC / laptop and further processed with our user friendly software application Reflex SProcess
- Data can be transferred to a USB stick
- Background magnetic strength is measured and displayed in nano Tesla (nT)

Multifunctional

The Reflex EZ-TRAC is capable of performing Single Shot, Multi Shot and Orientation surveys; this means that a drilling crew only has to be trained once to cover all surveying needs. The unit is operated by either a rugged Recon Pocket PC device, or by using the Reflex EZ-COM II, a dedicated control unit developed by Reflex.

The Reflex EZ-COM II is a robust handheld device with a menu driven user interface, recognised for its simplicity and trouble-free operation. Same as the Recon device, the Reflex EZ-COM II communicates with the instrument via an infra-red data link, avoiding the hazards sometimes associated with radio communications and high power drain of Bluetooth. The EZ-COM II now comes with direct download to USB stick, multi language, and has a more rugged shock and water resistant case - ideal for underground and high rain fall / humidity applications.

Recon Pocket PC can be used in situations where a PC/laptop is not available or the higher level processing functions such as 'merge' and 'matrix' are required on site then the Recon Pocket PC is the ideal alternative to the EZ-COM II.

Easy to operate

The Reflex EZ-TRAC minimises the unproductive time required to set up for surveying. The Reflex EZ-TRAC is almost ready to go as soon as it is taken out of the

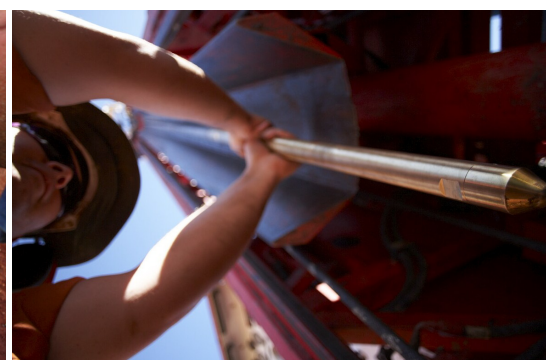
transport case. Only aluminium extension rods have to be added to protect the instrument from magnetic interference caused by the drilling equipment. The user friendly Reflex EZ-COM II makes it easy to set up and execute the survey. Survey results are automatically calculated and displayed on the Reflex EZ-COM II, eliminating the risk of human error.

Accurate

The Reflex EZ-TRAC performs surveys in all directions – including vertical – with high accuracy. Unlike older photographic cameras the Reflex EZ-TRAC can measure the total magnetic field and display background magnetic strength in nano Tesla (nT).

Robust and reliable

The Reflex EZ-TRAC is built to take harsh treatment. The 35 mm integrated pressure barrel is totally sealed against water entry and has a depth rating of 5,000 m. The robust and durable design of the Reflex EZ-TRAC ensures a minimum amount of time and cost for maintenance and repair. Users can count on the instrument being usable when they need it.



Reflex EZ-TRAC Technical Specifications



Reflex EZ-TRAC	
Dimensions	Outer diameter 35 mm Length 1,030 mm Weight 4.7 kg
Azimuth (direction)	Range 0 to 360° Accuracy $\pm 0.35^\circ$
Dip (inclination)	Range $\pm 90^\circ$ from horizontal Accuracy $\pm 0.25^\circ$
Gravity Roll (rotation/toolface)	Range 0 to 360° Accuracy $\pm 0.25^\circ$
Magnetic Roll (rotation/toolface)	Range 0 to 360° Accuracy $\pm 0.35^\circ$
Total Magnetic Field	Range 0 to 100,000 nT Accuracy ± 50 nT
Magnetic Dip	Range $\pm 90^\circ$ from horizontal Accuracy $\pm 0.25^\circ$
Depth Rating	4,000 m vertical in fresh water
Temperature rating	Full accuracy 0°C ... +60°C Operating -30°C ... +75°C Storage -45°C ... +85°C
Battery	Non-rechargeable lithium battery pack Approximate battery life: Infrequent use 4 years Normal use 2 years Heavy use 1 year



Rental, Sales & Support

Reflex is a leading global manufacturer of survey and orientation instruments for drill holes. Its product portfolio includes a complete program of borehole surveying instruments for mining, tunnelling, construction, and other geotechnical applications. Reflex is established in all major markets; the Americas, Africa, Europe and Asia Pacific. The success of Reflex is based on its leading innovative technology, customer focus and a network of local service centres world wide.

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