

# REFLEX EZ-TRAC

## **Instant survey data accessible on site**

The REFLEX EZ TRAC is a digital downhole survey instrument that has been designed to be multifunctional, easy to operate, highly accurate, robust and reliable.

The in-built infrared communication link the REFLEX EZ TRAC is able to transfer vital downhole data quickly and efficiently via a handheld computer, allowing instant comprehensive analysis.

The REFLEX EZ-TRAC is easy to operate and minimises the unproductive time required to set up for surveying. It only requires aluminum extension rods to be added to place the instrument away from magnetic interference caused by drilling equipment and it is ready to use. The user friendly EZ-COM II makes it easy to set up and execute the survey, with results automatically calculated and displayed on the handheld unit, eliminating the risk of human error.



**QUICK AND SIMPLE PROCESSING,  
PROVIDING ACCURATE DATA.**



### **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.



### **HIGHLY 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 5,000m. The robust and durable design of the REFLEX EZ-TRAC ensures a minimum amount of time and cost for maintenance and repair.

## REFLEX EZ-TRAC SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| Dimensions                        | <ul style="list-style-type: none"><li>Outer diameter 35 mm</li><li>Length 1,030 mm</li><li>Weight 4.7 kg</li></ul>  |
| Azimuth [direction]               | <ul style="list-style-type: none"><li>Range 0 to 360°</li><li>Accuracy ± 0.35°</li></ul>  |
| Dip [inclination]                 | <ul style="list-style-type: none"><li>Range ± 90° from horizontal</li><li>Accuracy ± 0.25°</li></ul>  |
| Gravity roll [rotation/toolface]  | <ul style="list-style-type: none"><li>Range 0 to 360°</li><li>Accuracy ±0.25°</li></ul>   |
| Magnetic roll [rotation/toolface] | <ul style="list-style-type: none"><li>Range 0 to 360°</li><li>Accuracy ±0.35°</li></ul>   |
| Tool magnetic field               | <ul style="list-style-type: none"><li>Range 0 to 100,000 nT</li><li>Accuracy ±50 nT</li></ul>   |
| Magnetic dip                      | <ul style="list-style-type: none"><li>Range ± 90° from horizontal</li><li>Accuracy ± 0.25°</li></ul>  |
| Depth rating                      | <ul style="list-style-type: none"><li>4,000 m vertical in fresh water</li></ul>   |
| Temperature rating                | <ul style="list-style-type: none"><li>Full accuracy 0°C ...+60°C</li><li>Operating -30°C ...+75°C</li><li>Storage -45°C ...+85°</li></ul>   |
| Battery                           | <ul style="list-style-type: none"><li>Non-rechargeable lithium battery pack</li><li>Approximate battery life:<ul style="list-style-type: none"><li>Infrequent use 4 years</li><li>Normal use 2 years</li><li>Heavy use 1 year</li></ul></li></ul> |

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