

180° Quantum Guidance™

Integrated Directional Sensor & Telemetry Control

Incorporates a high-resolution 24 bit analog to digital converter (A/D), in contrast to our competitors that only employ 12 bit A/D's. This produces superior resolution and offers improved post-calibration performance to greatly increase mean time between calibrations as initial accuracy is higher.

Dynamics Package

MEMS sensors have been integrated to the assembly to provide dedicated rotation, shock and vibration measurements. This real-time dynamics package offers excellent continuous inclination and azimuthal measurements that can be compressed and packaged to surface.

Quality Components

High-precision full-sized inertial quartz flexure (Q-Flex) accelerometers deliver superior performance and durability. Coupled with the Q-flex are wide dynamic-range magnetometers produced in Houston in a controlled environment and provide precision detail.

