

Fast, accurate and easy to use gyro tool ideal for mining applications.

Instant results, easy to use, accurate and robust



### 6 AXIS GYROSCOPE

Designed with state of the art solid-state sensor that provide more robust operating parameters than ever before, the Gyro Shot is the only 6-axis gyroscopic instrument in the world, delivering accurate, continuous results in all orientations.

### ACCURATE RESULTS IN EXTREME CONDITIONS

The Gyro Shot tool uses a hexaxial gyroscope module to monitor the rotations of the instrument through time. Continuous recording and self-calibration permits long-term operation while maintaining accuracy. Gyro Shot also contains a magnetometer that can be used to record the magnetic profile of the borehole, or as a second independent measure of hole azimuth.

### IMPROVED PERFORMANCE

The new Gyro Shot provides better overall performance including expanded memory capability, greater battery life and high-speed data transfer via USB.

### INSTANT RESULTS

Gyro Shot tools are completely digital, meaning that survey results are available immediately upon recovery. Digital data also means no more manual entry errors, and easy to use graphical software produces files suitable for loading into spreadsheets and popular data visualisation software.



### EASY TO USE

Gyro Shot is the most rugged and reliable design in the industry, making it the most dependable instrument available for use with all survey applications. Unlike our competitors, batteries are field replaceable. A ruggedised PC is included with each purchase.

### SPECIFICATIONS:

Sensor Type : Inclination	
Type :	Triaxial
Range :	0-180°
Accuracy :	±0.1°
Shock :	6000G
Sensor Type : Gyroscope	
Type :	Hexaxial
Range :	0-360° (0-195°/s)
Accuracy :	±0.1°
Shock :	6000G
Sensor Type : Temperature	
Type :	Solid-state
Range :	-30°C to +85°C
Accuracy :	±1°
Shock :	N/A
Sensor Type : Magnetometer	
Type :	Triaxial
Temperature :	-30°C to +85°C
Accuracy :	±0.5°
Shock :	6000G

### DIMENSIONS:

Bare Instrument	
Diameter :	25.4mm (1.00")
Length :	1.14m (45.6")
Weight :	1.9Kg(4.2lbs)
Pressure rating :	300m (H <sub>2</sub> O)
In pressure barrel	
Diameter :	33.4mm (1.315")
Length :	1.88m (73.8")
Weight :	8.6Kg(19lbs)
Pressure rating :	3,500m (H <sub>2</sub> O)
36 hours runtime (memory limited)	
-30°C to +85°C temperature range	
6 x A or AA, Alkaline or Lithium batteries	

