



## The most advanced technology on the market.

The Gyro Shot® uses the latest in MEMS nanotechnology for impressive drilling accuracy in the most diverse conditions—quickly, easily and reliably. Our customers buy the Gyro Shot for an all-in-one solution. With an MI-6 Multishot built into the tool, they can compare the azimuth readings of both magnetic and gyro sensors for unparalleled understanding of their drilling conditions.

### EASY TO USE

Gyro Shot tools are very simple to operate. No special training is required.

### 6 AXIS GYROSCOPE

### OPERATES LIKE A MULTISHOT

The Gyro Shot operates much like a multishot. The tool is run through the hole and is halted at intervals to take static shots.

### INSTANT RESULTS

Gyro Shot tools are completely digital, meaning that survey results are available immediately upon recovery. Digital data also mean no more date entry errors. Menu-driven software provided with Gyro Shot® tools produces data files suitable for loading into spreadsheets and popular data-visualization software.

### ANY DIRECTION

Gyro Shot tools can operate in any orientation. Horizontal or vertical holes present no difficulties.

### TROUBLE FREE

Our design philosophy ensures trouble-free operation. Unlike our competitors, batteries are field-replaceable. No special tools are required to operate our equipment and we avoid proprietary "Black box" radio communications interfaces that are banned from some work sites.

### AT LAST - A TRUE SLIMLINE GYROSCOPIC TOOL

Gyro Shot tools use a hexaxial gyroscope module to monitor the rotation of the instrument through time. Continuous recording and self-calibration permits long-term operation while maintaining accuracy. Gyro Shot tools also contain a magnetometer that can be used to record the magnetic profile of the hole or, in the absence of external fields, as a second independent measure of the hole azimuth.

### THROUGH-THE-BIT SURVEYS ARE A THING OF THE PAST (UNLESS YOU WANT TO)

Unless magnetic measurements of the rock are important, the Gyro Shot is run inside the rods, thereby eliminating the risk of through-the-bit surveys. If you want magnetic data, you must run through-the-bit. The Gyro Shot is slim enough to do this even in AQ® rods!

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## Gyro Shot® - Specs

<b>SENSOR TYPE: INCLINATION</b>	
<b>TYPE:</b>	TRIAXIAL
<b>RANGE:</b>	360° (ANY ORIENTATION)
<b>ACCURACY:</b>	± 0.1°C
<b>SHOCK:</b>	6000G
<b>SENSOR TYPE: GYROSCOPE</b>	
<b>TYPE:</b>	HEXAXIAL
<b>RANGE:</b>	0-195 DEG/S
<b>ACCURACY:</b>	± 1° +0.5°/hr
<b>SHOCK:</b>	2000g
<b>SENSOR TYPE: MAGNETOMETER</b>	
<b>TYPE:</b>	TRIAXIAL
<b>RANGE:</b>	-100 000NT
<b>ACCURACY:</b>	± 0.5°
<b>SHOCK:</b>	N/A
<b>SENSOR TYPE: TEMPERATURE</b>	
<b>TYPE:</b>	SOLID STATE
<b>RANGE:</b>	-30°C to +85°C
<b>ACCURACY:</b>	± 1°C
<b>SHOCK:</b>	N/A

## Gyro Shot® - Dimensions

<b>BARE INSTRUMENT</b>	
<b>DIAMETER:</b>	25.4 mm (1.00")
<b>LENGTH:</b>	1.14 m (45.6")
<b>WEIGHT:</b>	1.9 kg (4.2 lbs)
<b>PRESSURE RATING:</b>	300 m (H <sub>2</sub> O)
<b>IN PRESSURE BARREL</b>	
<b>DIAMETER:</b>	33.4 mm (1.315")
<b>LENGTH:</b>	1.88 m (73.8")
<b>WEIGHT:</b>	8.6 kg (19 lbs)
<b>PRESSURE RATING:</b>	3500 m (H <sub>2</sub> O)

<b>RUN TIME:</b>	22 hours (memory limited)
<b>TEMP. RANGE:</b>	-30°C +85°C
<b>POWER:</b>	6 x AA field-replaceable alkaline batteries
<b>UPGRADES:</b>	Firmware field-upgradeable; no-charge software updates

## Contact us

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