



GYRO TECHNOLOGIES LTD
Product Data Sheet

FlexiShot™

This Electronic Multi-Shot probe offers high accuracy borehole surveys for pre-casing corrections. It's a cost-effective alternative to photomechanical tools, fits Peewee gear, and outperforms conventional multishots. Compatible with Windows PCs, it uses DMS Drillog for customizable outputs.

Capabilities:

- ✓ Cost-effective, compatible systems
- ✓ High reliability, low operating costs
- ✓ Superior sensors and calibration
- ✓ Modular, flexible hardware/software
- ✓ Small size for slimhole applications
- ✓ High temp capability, thermal shields
- ✓ Built-in QA and troubleshooting

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FlexiShot™ PRODUCT OVERVIEW

The FlexiShot™ is a high-accuracy electronic surveying instrument for borehole data acquisition, supporting Single-Shot (SLX) or Multishot (EMS) modes with non-magnetic running gear, including PeeWee. The EMS probe offers high accuracy for borehole surveys and pre-casing corrections. Features include cost-effective systems, high reliability, superior sensors, modular hardware/software, small size, high temp capability, and built-in QA. User-friendly, it is recommended for each rig to reduce drilling errors and aid in pre-casing corrections.

SYSTEM CONFIGURATION

SENSOR	DMS Triax Microsilicon Accelerometer & Magnetometer	DEPTH SYSTEM	Pipe-Tally and Wireline
ANGLE CALIBRATION	All-Angle Automation System	MODE DEPLOYMENT SURVEY	Battery Slickline, Drop Multi-Shot, Single-Shot

SPECIFICATIONS

DIMENSION	
Tool OD	1.75 in Thermal
Sensor OD	1 in
Min Tool Length	36 in
ENVIRONMENT	
Pressure Rating	20k psi
Max Temperature	200°F
Max Heat-Shield Temp	400°F
Max Depth	30k f
STRESS	
Shock intensity	1000g
Shock Pulse Profile	1/2 sine, 1mS
Vibration Intensity	10g rms
Vibration Frequency Range	5-500Hz Random

ACCURACY	
Raw Azimuth	+/- 1° (Inc/Dip >20°, <70°)
Mag Tool-face	+/- 0.1°
Inclination	+/- 1°
SURVEY & DATA	
Shot Time	45 second
Shots Capacity	4000 Surveys
Storage	Calibrated Sensor Data
Parameters	Gx,y,z, Bx,y,z, Temp, Voltage
ELECTRICAL SPECS	
Battery Type	6 AA Alkaline Battery Cells
Runtime	40 Hrs (shot dependant)
Max Holdoff Time	200 Hours



FlexiShot Module