



Mining - Geotechnical - Civil
Sale - Rental

DeviShot

Magnetic Single/MultiShot

High precision instrument with superior strength

DeviShot is available in the standard 35mm diameter or in 30 mm for smaller diameter requirements projects.

This rugged instrument measures the drill hole path, in a non-magnetic environment.

Magnetically affected data points are flagged red within the software, alerting the user after download of the survey data.

Bluetooth communication provides fast data transfer and download.

DeviSoft software is both simple and intuitive and is used with both the **DeviShot**, **DeviCore BBT** and **DeviFlex** survey instruments.

A long life internal replaceable battery means the **DeviShot** instrument can remain at the drill site without needing to be charged. The battery is expected to last up to 6 months before it needs to be exchanged.

Applications

- Diamond Drilling Wireline, Pump down or conventional
- Surface Diamond Drilling - Wireline
- Pilot holes
- Directional drilling
- Exploration
- Grade Control
- Resource Definition
- Geotechnical Investigation
- Blast holes
- Grout and control holes

Benefits

- Highly robust, repeatable and reliable
- Simple and intuitive software
- High accuracy
- QA check Azimuth data at the rig
- More cost effective and robust than gyro instruments
- Independent azimuth and dip reading at each station
- Long life battery lasts up to 6 months
- Backed by the unbeatable Devico Repair Guarantee: www.devico.com/warranty



devico.com

DeviShot

The **DeviShot** is a downhole survey instrument used to measure the drill hole path, in a non-magnetic environment.

Preset Total Magnetic Intensity (TMI) and Magnetic Dip thresholds ensure every data point is validated at the drill rig, saving time and improving data quality checking. Any data point affected by ferro magnetics or the presence of steel are flagged in red.

With the core barrel removed the **DeviShot** is run through the drill bit and extended into the open hole. Two Aluminium rods attach to the **DeviShot** and ensure a safe "non-magnetic" distance from the drill bit. A landing collar attaches to the Aluminium rods preventing the assembly from passing through the drill bit.

Each survey data point is independent of the other. Provided magnetic readings are removed, the survey accuracy is very high (better than 1:1000).

Extra Long Life Battery

Long life 1200hrs internal replacement battery means the **DeviShot** instrument can remain at the drill site without requiring charging. The internal battery is exchanged lasts up to 6 months.

PDA

A Nomad PDA is utilised to initialise, activate, display results and store survey data from the **DeviShot**.

Data is exported in batches to a USB stick.

The Nomad PDA has a long life rechargeable battery and is IP67 rated

Processing Software

DeviSoft Mobile is a PDA driven software consistent across all Devico products and is intuitive and simple to navigate. Data points can be reviewed and verified at the drill site with a plot showing position. Any magnetically affected data points are flagged red.

Data Transfer

Export csv data files via USB stick.

Depth Measurement

Open hole wireline surveys require a Depth Encoder, to accurately measure the wireline depth. Depth may also be recorded through rod count.

Warranty

On all Devico survey instruments purchased from Devico or its licensed resellers, Devico includes one (1) year manufacturer warranty and a two (2) years repair guarantee from date of purchase. The Repair Guarantee covers circumstances where the Product Warranty is not valid, or has expired.

The Repair Guarantee limits any repair costs of the survey instrument, see terms and conditions at

www.devico.com/warranty

Limitations

DeviShot cannot be used in rods or near ferro-magnetic material. The **DeviFlex** survey instrument can be used in these environments.

Technical Specifications

Survey tool

Weight	5.6kg/12.60lbs
Diameter	35mm/1.38"
Length	1170mm/46.1"
Magnetic	Yes
Running gear	Integrated
Inclination accuracy	±0.1°
Azimuth accuracy	±0.5°
Tool face accuracy	±0.2°
Inclination range	-90 to +90°
Temp range	-15° to +70°C (14° to 140°F)
Battery life	1200hrs
Battery type	2X 3.6V Lithium
Pressure	300bar/4350psi
Maximum Depth	3000m /9842.52Ft

PDA

Type	Nomad
Software	DeviSoft
Battery life/type	15 hours/Lithium
IP rating	IP68

