



MagCruiser NanoTM



Overview

The MagCruiser NanoTM is an ultra compact memory multi-shot, magnetic surveying instrument with drop capability that provides magnetic azimuth along with inclination and toolface readings.

It is designed for boreholes of the mining industry and it has a temperature rating of +125°C. It is basically a size optimized version of the MagCruiserTM with simplified features.

The tool comes with a compact data pad for field use. With it, you can set assignments, download data and test the tool. The data pad is rugged and easy to use. The data pad connects direct to the instrument for programming of the tool, retrieving data after a survey and total management of survey results. The data pad can be connected to a PC for recharging. The instrument runs on long-lasting lithium-ion rechargeable batteries.



The Nano is a simple to use device for fast survey results for the driller or surveyor. It can record up to 10 different surveys per run. The tool can be programmed to begin at a certain time with interval times between surveys. No pressure barrel or connection cables are required. Connect the instrument to the data pad, download the data and scroll through the results.

This is one small instrument with a small price tag that should be on site at every mining rig.

Features and benefits

- Temperature rating to +125°C (+257°F)
- Outer diameter of only 28mm (1.10") in pressure barrel
- No need for optional pressure barrel or heat shield
- Drop capability
- Easy to operate
- Single or multi-shot
- Operates in memory mode off rechargeable battery
- Measures in all directions
- Durable for harsh environments
- Direct connection between tool and data pad for fast use and fast downloading
- Like all SPT instruments, it is very reliable

Specifications

- Magnetic Azimuth (Direction) from 0 - 360°, accurate to ± 0.5°
- Inclination (Dip) from 0 - 360°, to within ± 0.1°
- Gravity Toolface from 0 - 360°, to within ± 0.1°
- Magnetic Toolface from 0 - 360°, to within ± 0.2°
- Total Magnetic Field from 0 - 100 000nT, accurate to within ±50nT
- Dip from -90° from horizontal, to within ±0.2°
- Temperature rating (hole temp) from -40°C to +125°C (-40°F to +257°F)
- Pressure rating to 103Mpa (15.000psi)

Dimensions

- OD 28 mm (1,10")
- Length 700 mm (27,5")
- Weight 4 kg (8,82 lb)



Worldwide Tool Operation:

USA	UAE	Mexico
Canada	Iran	Syria
Australia	Oman	Nigeria
Russia	Armenia	
India	Tunisia	
Colombia	Malawi	
Chile	Italy	
Honduras	Iceland	

