

Proshot Dual multi-shot surveying instrument

Precision Instrumentation for the mining industry

Proshot is the complete down-hole system for single and multi-shot surveying.

- > Light weight ruggedised handset for harsh conditions
- > Wireless communications for convenient use
- > Measures AZI, DIP and ROLL in all directions
- > Transfer results using a standard USB key
- > Accurate survey data
- > Easy to operate and maintain



Specifically designed to meet the needs of the mining industry Proshot provides a reliable down-hole survey solution.

The Proshot instrument offers features such as real-time data viewing, UBS data download, wireless communications and the ability to input hole reference information for each survey.

With enhanced accuracy through onboard real-time processing you can be confident using a Proshot.

Survey Method

The Proshot can be operated as a single or multi-shot camera.

Surveying is controlled using a ruggedised handset allowing the user to fully customise each survey.

Data Transfer

The Proshot uses the latest wireless technology

to transfer data from the camera probe. Simply press the data recovery key and all survey data is quickly transferred to the handset ready for analysis.

Data Display

Survey data can be viewed using the Proshot handset or downloaded to a USB key for transfer to a laptop.

Data is saved in CVS format for easy analysis with Microsoft® Excel® or other leading software packages.

Parameters

The Proshot provides the user with the following parameters when analysing survey data:

- Azimuth (Heading) 0° to 360°
- Inclination (DIP) 0° to ±90°
- Magnetic Field up to 90,000nT
- Roll Angle 0° to 360°
- Temperature -10° to 70°C

Specifications

Proshot Camera Probe	
Part Number	CTPS100 - Standard precision
Operational temperature	-10°C to +70°C (+14°F to +158°F)
Storage temperature	-10°C to +120°C (14°F to +248°F)
Operating time	2 years (depending upon use)
Inclination accuracy	± 0.2 RMS*
Azimuth accuracy	± 0.5 RMS*
Survey Storage	999 survey shots
Power source	Alkaline battery (Non-rechargeable)
Communication	Wireless ISM 2.4GHz
Communication distance	1.5 – 2.0 meters
Ingress Rating	IP67

*It is recommended that the Proshot Camera is calibrated every 12 months to ensure accuracy is maintained

Proshot Handset	
Part Number	CTH100
Operational temperature	0°C to +60°C (+32°F to +140°F)
Storage temperature	-10°C to +120°C (14°F to +248°F)
Operating time	2 years (depending upon use)
Power source	Alkaline battery (Non-rechargeable)
Communication	Wireless ISM 2.4GHz
Ingress Rating	IP65

NOTE: Specifications subject to change without notice.

Further Information

For further information on the Proshot Camera probe or other precision survey equipment please contact the below distributor.



Proshot

MRK-00010, RA2
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