



Your source for advanced mining technology



Continuous survey on-the-fly technology

CHAMPPILOT™

Next Generation Precision



- ❑ Memory solid state
- ❑ High speed continuous survey capability
- ❑ Survey at any angle vertical* to horizontal
- ❑ Wireless, integrated & automated assignment
- ❑ Survey on cable, on rods or pump-in
- ❑ Axis onSite™ data transfer with onSite™ Client Portal access or API enterprise integration

Visit us at www.axisminetech.com

Upgrade your existing technology today.

The Champ Pilot™ is a continuous solid-state gyro system that allows users to rapidly survey drill-holes with confidence.

The Champ Pilots™ high-speed continuous survey capability is flexible to all drilling environments vertical to horizontal at surface or underground and is capable of survey speeds of up to 100m (328ft) per minute.

The Pilots™ next generation features, and mode of operation allows users greater flexibility to survey a wider range of drill-holes without complicated and time consuming setup procedures or deployment techniques.

Depth stations can be assigned manually or wirelessly via AMT's Electronic Depth Counter.

Battery modules have a 30-hour life and with two supplied as standard you will never run short on power.

Axis onSite™ wirelessly transmits surveys from the Champ Pilots handheld device via Wi-Fi or cellular data at the rig or project office, providing users with real-time access to critical drill-hole survey information. Data is accessible from the onSite™ Client Portal or from any geosciences or drilling workspace, delivered by Axis' seamless and automated enterprise software API integration.

▣ SPECIFICATIONS

Accuracy

Precision : 0.1% or 1/1000
Inclination : +/- 0.15°
Gravity Toolface : +/- 0.15°

Range

-90° to +90° dip*

Downhole Travel (continuous mode)

Max Angular Rate : 2000° per second rotation
Velocity (continuous survey) : up to 100m/min (328ftm/min)

Depth Assignment

Manual user input (via operating software)
Wireless, integrated & automated assignment
(available with electronic counter)

Battery

Re-chargeable Li-ion, 5000mAh
30 hours continuous operation
Two battery modules supplied

Temperature, Shock & Pressure Rating

Temperature : -10°C to +70°C (14°F to 158°F)
Shock : 1000g Axial, ½ sine, 1ms
Vibration : 10g rms 10-500Hz
Pressure Rating : 4000psi

Dimensions & Weight

Downhole Probe

OD : 36mm (1.41"), L : 1640mm (64.56"), Wt : 7kg (15.43lbs)

Shipping

L : 1117mm (45.9"), W : 410mm (16.1") H : 180mm (7.1"), Wt : 25.0kg (55.12")

Measurements & Communication

Continuous data acquisition every 1m at 60m/min (3.2ft at 197ft/min).

*Only available in next generation Champ Pilot systems.

Technical specifications are subject to change without notification.



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