



Continuous 200m per minute,  
survey on-the-fly technology.

# CHAMPPILOT™

Next Generation Precision

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

Capable of survey speeds of up to 200m (656ft) per minute utilising Axis' onPoint™ unique Adaptive Roll Technology, the next generation Champ Pilot offers un-paralleled productivity and precision.

- ▣ Memory Solid State
- ▣ Power Up & Run
- ▣ High Speed Continuous Operation
- ▣ onPoint™ Adaptive Roll Technology
- ▣ Reduce Survey Time by 75%\*
- ▣ Survey on Cable, Rods or Pump In
- ▣ Deploy by Inner-tube or Standalone

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Upgrade your existing technology today.



The next generation Champ Pilot's 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.

Axis' onPoint™ proprietary Adaptive Roll Technology supports surveying continuously on rods, pump in or at high speed on cable, reducing rig time associated with conventional surveys by up to 75%\*.

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

Housed in 36mm (1.41") running gear the Champ Pilot measures 1.64 meters (5.38ft) long and weighs less than 7kg. (15.43 lbs)

Battery modules have a 15 hour life and with two supplied as standard you will never run short on power.



## ▣ SPECIFICATIONS

### Accuracy & Precision

Precision : <0.1% of measured depth (continuous mode)\*\*  
Inclination : +/- 0.15°  
Gravity Toolface : +/- 0.2°

### Surface Setup

Warm up Time : 45 sec

### Downhole Travel

Angular Rate : 200° per second rotation  
Velocity (continuous survey) : 200m/min (656ft/min)

### Depth Assignment

Manual depth input  
Wireless depth integration (AMT Electronic Depth Counter)

### Battery

Re-chargeable Li-ion, 5000mAh or standard c-cell  
15 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  
Pressure Rating : 4000psi

### Dimensions & Weight

*Downhole Probe in Running Gear*  
Outside Diameter : 36mm (1.41")  
Length : 1640mm (64.56")  
Weight : 7kg (15.43lbs)

### Measurements & Communication

Continuous data acquisition every 3m at 180m/min (9.8ft at 590ft/min)  
Wireless data communication between tablet and probe  
Wireless depth transfer via AMT's Electronic Depth Counter

Technical specifications are subject to change without notification.

\* Rig time benefit in typical well profile compared to non-continuous systems.

\*\* Limited to inclinations -80° to +80°.

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