



Continuous,
survey-on-the-fly
technology.

CHAMPPILOT

Versatile Precision

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

Requiring no surface setup procedures it's tough, reliable and ready to survey within minutes.

- ❑ Memory Solid State
- ❑ Power Up & Run
- ❑ Continuous Operation
- ❑ Tough, Rugged & Reliable
- ❑ Survey on Cable or on Rods
- ❑ Drop or Pump in for Out-run Survey

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Upgrade your existing technology today.



The Champ Pilot's unique continuous mode of operation allows users greater flexibility to survey a wider range of drill-hole's with precision.

Run the Champ Pilot™ on wireline or on rods to conduct a survey. Depth stations can be assigned "on the fly" or whilst stationary.

With a robust solid state design, the Champ Pilot™ is capable of performing a pump in or drop out-run survey as the drill rods are pulled at bit change or at end of hole, reducing rig standby time associated with a conventional survey.

Housed in 36mm running gear the Champ Pilot™ measures 1.64 meters long and weighs less than 7kg. Battery modules have a 15 hour life and with two supplied as standard you will never run short on power.



SPECIFICATIONS

Accuracy

Azimuth : +/- 0.5°*
Inclination : +/- 0.15°
Gravity High Side : +/- 0.2°
Gyro Toolface : +/- 0.75°

Surface Setup

Warm up Time : 45 sec

Downhole Travel

Max Angular Rate : 15° per second rotation
Velocity : 1m / sec

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
Shock : 1000g Axial, ½ sine , 1ms
Pressure Rating : 4000 psi

Dimensions & Weight

Downhole Probe in Running Gear
Outside Diameter : 36 mm
Length : 1640 mm
Weight : 7 kg

Measurements & Communication

High speed wireless communication
Continuous data acquisition at 1m/sec

Technical specifications are subject to change without notification.

*Limited to inclinations -85° to +85°

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