

# HURACAN

*Downhole Precision and Reliability*



## Continuous North Seeking Gyro





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## Offering accurate direction surveying with the Huracan Continuous North Seeking Gyro

### Downhole Precision and Reliability

When you contract a directional survey you want the very best accuracy and reliability.

At HURACAN we use a highly accurate and extremely reliable downhole directional survey and orientation tool. Comprising of the latest technology, the system uses gyro compassing methods to true north then can transverse the well taking continuous measurements with periodical gyro compass QA surveys.

As it is a North Seeking Gyro, all measurements are referenced to geographic north. Unlike other downhole survey or magnetic tools, our tool is not affected by magnetic interference. It can be run inside casing, tubing, drill pipe and magnetically disturbed ground.

This 1.70" diameter, easy to use system can be run in a variety of applications from shallow to deep wells surveying, single shot/multi shot, slim hole casing, orientation, whip stock kick-off and downhole motor orientation.

The Gyro package is run real time on wireline. Wireline mode is run from an electric line cable transmitting real time data to the computer at the surface. Mono or multiple conductor cable can be used.

If you need an accurate survey that you can rely on then Huracan eGyro is your tool of choice.

Contact us today at [Huracan.com.au](http://Huracan.com.au)

### Features and Benefits

- Not affected by magnetic interference
- No field calibration or roll test required before each survey
- Can transverse in hole at up to 150m/min
- Short length, light weight tool
- Very accurate and reliable
- Built inside high grade titanium pressure barrel
- Rugged design
- Minimal downtime as all operating equipment and software is extremely reliable
- All azimuth measurements are referenced to geographical true north





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# Continuous North Seeking Gyro

## Specifications

- Well position accuracy <math><0.1\%</math> of NS, EW and TVD
- Repeatability in azimuth  $\pm 0.5^\circ$
- Inclination accuracy of  $\pm 0.05^\circ$
- Orientation Gravity toolface accuracy of  $\pm 0.1^\circ$  ( $>2^\circ$  Deviation)
- Orientation Gyroscopic toolface accuracy of  $\pm 1.0^\circ$   
Inclination range from  $0.0^\circ$  -  $1.0^\circ$  (from vertical)
- Temperature rating e-line:  $-30^\circ\text{C}$  to  $110^\circ\text{C}$
- Pressure rating: 10.000psi
- Dynamically tuned multi-axis close loop gyroscope
- Quartz technology accelerometers
- Minimum restriction 1.785"

## Dimensions

- OD 1.70" (43.2 mm)
- Length 2.3 m (90.55")
- Weight 15 kg (33.07 lbs)

# North Seeking Gyro