

# North Seeking Gyro (NSG-S)

The NSG North seeking Gyro is manufactured with the high end technology of dynamic tuned gyro micro sensor to provide the maximum accuracy and reliability of survey information.

- **FEATURES:**

- Seeking North every surveyed point (Zero drift)
- No pre-calibration is required.
- Provides Azimuth, Inclination, Toolface, and Temperature data.
- Can stand up to 200°C (392°F) with thermal shield.
- User-friendly survey software for data collection and interpretation.
- Real time survey using single conductor wire line.
- Satisfy short radius requirements on drill pipe.
- Run in memory mode with slick line (optional).
- Gamma Ray and Magnetic locator modules (optional).

- **APPLICATION:**

- Can be used for single shot and Multi-shot surveys.
- Survey inside casing, drill pipe, tubing, near fish....etc
- Orientation of drilling tools for kick-off and side-track.
- Orientation of whipstock for window opening.
- Optional Gamma Ray module, for formation Lithology correlation and radioactive pip tag identification.
- Optional magnetic locator for casing Collar Location identification.



- **SPECIFICATION:**

<b>Inclination</b>	<b>0° ~ 70°</b>	<b>±0.2°</b>
<b>Azimuth</b>	<b>0°~ 360°</b>	<b>±1.0°</b>
<b>Tool-face</b>	<b>0°~ 360°</b>	<b>±1.0°</b>
<b>Survey time</b>	<b>≤ 1 min per point</b>	
<b>Memory storage</b>	<b>Up to 2000 survey records</b>	
<b>Pressure rating</b>	<b>20,000 psi</b>	
<b>Operating Temp</b>	<b>100°C / 212°F (200°C / 392°F with thermal shield)</b>	
<b>Outer diameter</b>	<b>1.75° (2.05° with thermal shield)</b>	