

GYROTRACER DIRECTIONAL™ HT



Oil & Gas



Mining



Civil & River
Crossing



True North
finding



Unaffected by
magnetism



Continuous
survey mode



Battery
mode



Traverses at
high speed



High
temperature

SPT thermal flask is made with the most resistant material available on the market, this strong material can be used for ultra-low or very high temperature applications. This is why the GyroTracer Directional HT™ is specifically designed to function at full capacity even in the harshest high temperature wells, in extreme conditions. SPT gyroscopes can be run anywhere. There are many countries in the world where you need to survey with the highest temperature resistant tool, enabling you to perform projects in hot well locations such as Iceland, Ecuador, Brazil, Colombia, EEUU, etc.

Drilling and completing wells in HPHT (High-Pressure, High-Temperature) environments is difficult and dangerous. But as activity in these areas expands, transferring experience, expertise and knowledge about the best techniques from person to person and well to well is essential to reduce risks, increase safety, efficiency and ultimately, improve financial returns. GyroTracer Directional HT™, 48mm, True North Seeker is designed and built inside a Thermal Flask, retaining all the features and capabilities of the GyroTracer Directional™ but able to function in High Temperature and harsh environment wells.

“For Oil & Gas operations your tools are great and very important for our Company as asset!”

- Younis Al Balushi - GasWay

20th
anniversary

SPT
Stockholm Precision Tools

SPECIFICATIONS.

- Inclination accuracy $\pm 0.05^\circ$.
- Position accuracy NS, EW, TVD $< 0.1\%$ * of well depth.
- Gravity toolface accuracy $\pm 0.1^\circ$ for incl. $> 3^\circ$.
- Gyroscopic toolface accuracy $\pm 1.0^\circ$.
- Azimuth repeatability $\pm 0.5^\circ$.
- Inclination range 0° to 180° (from vertical).
- Pressure rating 110.3MPa (16,500psi @ 110°F).
- Temperature rating -30°C to 200°C (-22°F to 392°F **).
- Survey speed up to 150m/min (492 ft/min).
- Surface Unit input 100 – 240v.

*Subject to the well profile and depth accuracy.** Up to 2 hours.

DIMENSIONS.

- \varnothing 48 mm (1.88").
- Heat Shield Length 2031mm (79.96").
- Weight 17 kg (37.5 lbs).
- Dimensions (surface unit) 170 x 220 x 85 mm.
- Weight (surface unit) 2 kg (4.4 lbs).

SOFTWARE.

- Easy to use and intuitive readings not editable by the operator.
- Reports in PDF, Excel, ASCII, and any other format.
- Able to generate surveying report at any interval.
- Generation of 2D and 3D graphics.