GyroTracer™

Continuous mode registers data points at every centimeter.

NO DRIFT ACCUMULATION. ACCURATE TO 0.1% OF TOTAL DEPTH.
**Specifications**

### Performance

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inclination accuracy</td>
<td>± 0.05°</td>
</tr>
<tr>
<td>Positional accuracy</td>
<td>&lt; 0.1%* (Continuous mode NS, EW and TVD)</td>
</tr>
<tr>
<td>Gravity toolface accuracy</td>
<td>± 0.1° for inclination &gt; 3°</td>
</tr>
<tr>
<td>Gyro toolface accuracy</td>
<td>± 1°</td>
</tr>
<tr>
<td>Repeatability azimuth</td>
<td>± 0.3°</td>
</tr>
<tr>
<td>Maximum Survey speed</td>
<td>150m/min (492ft/min)</td>
</tr>
</tbody>
</table>

*Subject to the well profile

### Operation

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating range</td>
<td>0° - 180° (from vertical)</td>
</tr>
<tr>
<td>H2S Resistant</td>
<td>Yes</td>
</tr>
<tr>
<td>Shock resistance</td>
<td>2000g 1ms</td>
</tr>
<tr>
<td>Battery</td>
<td>Li-ion rechargeable</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Export format</td>
<td>PDF, Excel, CSV, LAS</td>
</tr>
<tr>
<td>Survey report</td>
<td>Generate at any interval</td>
</tr>
<tr>
<td>Graphic generation</td>
<td>2D, 3D</td>
</tr>
</tbody>
</table>

### GyroTracer 105°C

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure rating</td>
<td>10,000psi</td>
</tr>
<tr>
<td>Temperature rating</td>
<td>Up to 105°C (221°F)</td>
</tr>
<tr>
<td>Overall length (Telemetry, Real Time)</td>
<td>1250mm (49.21&quot;)</td>
</tr>
<tr>
<td>Overall length (Battery, Memory)</td>
<td>1635mm (64.37&quot;)</td>
</tr>
<tr>
<td>Diameter</td>
<td>42mm (1.65&quot;)</td>
</tr>
</tbody>
</table>

### GyroTracer 150°C

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure rating</td>
<td>15,000psi</td>
</tr>
<tr>
<td>Temperature rating</td>
<td>Up to 150°C (302°F)</td>
</tr>
<tr>
<td>Heat shield length</td>
<td>2040mm (80.32&quot;)</td>
</tr>
<tr>
<td>Diameter</td>
<td>48mm (1.88&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>12kg (26.5lbs)</td>
</tr>
</tbody>
</table>

### GyroTracer 205°C

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure rating</td>
<td>20,000psi</td>
</tr>
<tr>
<td>Temperature rating</td>
<td>Up to 205°C (401°F)</td>
</tr>
<tr>
<td>Heat shield length</td>
<td>2400mm (94.48&quot;)</td>
</tr>
<tr>
<td>Diameter</td>
<td>49.5mm (1.94&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>18kg (39.6lbs)</td>
</tr>
</tbody>
</table>

### Maintain accuracy in all environments

All measurements are in reference to geographic north. Unlike other downhole survey tools, the GyroTracer™ is not affected by magnetic interference. It can be run inside casing, tubing, drill pipe, and magnetically disturbed ground.

### Versatile tool with multiple applications

The GyroTracer™ can be run in a variety of situations from shallow to deep wellbore surveying. Use in continuous mode, single-shot/multi-shot, slim hole casing, orientation, whipstock kick-off and downhole motor orientation.

### High pressure/high temperature (HP/HT) version available

Designed to function at full capacity in the harshest low/high temperature applications and environments. Built inside a Thermal Flask with continuous surveying capability at high latitudes or inclinations with no accuracy degradation.

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