

## Flexishot™ – EMS – Technology Specifications

The Flexishot™ – EMS provides high-accuracy, definitive survey information before the well is cased, in time to make any directional course corrections. EMMT is a cost-effective alternative to photomechanical wellbore survey tools, eliminating the need for film developing, while fitting in Peewee-size running gear.

<b>Instrument Accuracy</b>	<ul style="list-style-type: none"> <li>■ <b>Accuracy:</b> Dependant on wellbore profile</li> <li>■ <b>Typ Azimuth Accuracy</b> 0.5° SPE WPTS (ISCWSA) error model available on request</li> </ul>
<b>Operating Features</b>	<ul style="list-style-type: none"> <li>■ <b>Instrument OD:</b> 1.0" (26mm)</li> <li>■ <b>Instrument Length:</b> 36" max (incl battery housing)</li> <li>■ <b>Pressure Case OD:</b> 1 3/4" (with thermal shield)</li> <li>■ <b>Pressure Rating:</b> 18,000 psi</li> <li>■ <b>Thermal Shield Perf.:</b> 10hrs at 400°F</li> <li>■ <b>Data Storage:</b> raw data set</li> <li>■ <b>Shot Capacity:</b> up to 5,000 surveys</li> <li>■ <b>Power Source:</b> 6 AAA Alkaline Battery Cells</li> <li>■ <b>Battery Life:</b> 40 Hrs (survey setup dependant)</li> <li>■ <b>Surface Equipment:</b> Windows (98, XP, Vista, Win7+) based Drillog™</li> <li>■ <b>Data Display:</b> Probe onboard LCD display (optional) or via PC using serial data link</li> </ul>
<b>Sensors</b>	<ul style="list-style-type: none"> <li>High accuracy Triax accelerometer set</li> <li>High accuracy triaxial magnetometers</li> </ul>
<b>Running Gear</b>	<ul style="list-style-type: none"> <li>The EMS is PeeWee compatible or can use industry standard 1 3/4" compatible running components</li> </ul>
<b>Environmental</b>	<ul style="list-style-type: none"> <li>■ <b>Max Temperature:</b> 32-400°F (200°C) with thermal shield for up to 8 hrs</li> <li>■ <b>Shock:</b> 1,000g, 1/2 sine 1mS</li> <li>■ <b>Vibration:</b> 10g rms 5-500Hz</li> </ul>

Note: Performance data is based upon measurements in a controlled environment and field results may vary.