Gyrodata’s GeoGuide MTD services offer additional wellbore integrity diagnostics by measuring the casing thickness and identifying areas of corrosion. It seamlessly integrates with Gyrodata’s extensive logging and surveying services. Additionally, Gyrodata’s logging services team provides expert data interpretation in a detailed Corrosion Analysis Report for data clarity.

**GENERAL SPECS**

- Temperature: 350°F (177°C)
- Pressure: 15,000 psi (103.4 MPa)
- Tool Diameter: 11/16 in (43 mm)
- Tool Length: 7.55 ft (2,500 mm)
- Tool Weight: 22 lbs (10 kg)

**SENSOR SPECS**

- Logging Speed
  - Thickness Calculation: 30 ft/min (9.14 m/min)
  - Defect Detection: 12 ft/min (3.66 m/min)
- Sampling Intervals: 0.01 - 0.15 in (0.254 - 3.81 mm)
- Measurement Range - First Pipe String
  - Minimum OD of Casing: 2.44 in (62 mm)
  - Maximum OD of Casing: 12.76 in (324 mm)
  - Maximum Wall Thickness: 0.47 in (12 mm)
  - Accuracy of Thickness: 0.02 in (0.5 mm)
- Measurement Range - Second Pipe String
  - Minimum OD of Casing: 2.44 in (62 mm)
  - Maximum OD of Casing: 9.63 in (244 mm)
  - Maximum Wall Thickness: 0.98 in (25 mm)
  - Accuracy of Thickness: 0.06 in (1.5 mm)

**COMBINABILITY**

- GeoGuide GR - Scintillation Gamma Ray
- GeoGuide Temp - Temperature
- GeoGuide CCL - Casing Collar Locator
- GeoGuide CBL - Radial Cement Bond Log
- GeoGuide MFC - Multi-Finger Caliper
- MicroGuide - High Density Tortuosity Log
- GyroGuide - Real-Time or Memory Gyro Surveying

Specifications are subject to change based on well profile. Contact your Gyrodata representative for details. Updated May 2018. Copyright ©2022 Gyrodata, Inc.

**DESIGN + PERFORMANCE**

- Delivers low- and high-frequency electromagnetic signals to detect and quantify metal thickness
- Capable of inspecting piping, production liner, first and second casing strings for metal loss
- When combined with the multi-finger caliper, measures the nominal thickness of the second casing string, while also determining if corrosion is internal or external on the first casing string
- Runs in real-time mode on e-line or memory mode via battery storage, depending on tool configuration
- Gyrodata’s logging services team provide expert data interpretation on the electromagnetic thickness log presentations in a detailed Corrosion Analysis Report

**MARKET + APPLICATIONS**

- Completions & Production
- Workover & Re-Entry
- Cased Hole Operations
- Quantitative Evaluation of First & Second Pipe String Thickness
- Determination of Internal & External Metal Loss on First Pipe String
- Determination of Anomalies & Defects on First Pipe String
- Casing Decay Rate Calculation