

Electro-Magnetic Thickness Tool (EMTT)

OVERVIEW

The ElectroMagnetic Thickness Tool (EMTT) is designed to measure the casing damage based on the working principle of Remote Field Eddy Current. The tool includes multiple sensors installed on the 12 extensible arms which are pushed against the pipe wall to measure the remaining thickness of the casing wall.

APPLICATIONS

- ❑ Casing collar identification
- ❑ Casing inner/outer wall damage identification
- ❑ Casing wall thickness
- ❑ Perforated well interval identification

BENEFITS

- ❑ Dual coil receiver with high sensitivity and signal-noise ratio
- ❑ Extensible spring arms closer to the wall for better measuring performance
- ❑ Small temperature drift, strong anti-interference capability



SPECIFICATIONS

Parameters	Description
Max Working Temperature	175°C
Max Working Pressure	100MPa
OD	Φ43mm(1 11/16")
Total Length	2300mm
Make-up Length	2181mm
Zero Point	1146.5mm
Weight	13.7kg
Voltage	16-18V
Current	410mA ± 10%
Wellbore Size	2-7 inches
Receiving Sensor Qty.	12
Accuracy	15% of Wall Thickness
Logging Speed	150-300 m/hr

