

CASING INSPECTION: MIT-MTT



MIT: Multi-Finger Imaging Tool

MTT: Magnetic Thickness Tool

Description: The combination of MIT and MTT tools allows for OD/ID casing inspection to identify and quantify defects related to corrosion and mechanical issues, while satisfying regulatory requirements. The combination of data sets are processed and will produce a well-integrity report, as well as a 3D interactive display of the pipe.

Features:

- Casing inspection of OD and ID defects
- Full memory and surface read-out available
- Collapsible slim-hole design allows for through-tubing applications
- Hostile environments (H₂S / CO₂ rated)
- Expandable finger lengths for larger tubulars
- May be combined with Ultrawire™ RBL for additional cement bond evaluation
- Full memory allows for multiple deployment options
- Statistical analysis with WIPER satisfies regulatory requirements
- 3D data analysis using WIVA for interactive visualization of pipe
- Suitable for all well deviations
- Locates defects related to corrosion, wear, and other mechanical issues

	MIT-24	MIT-40	MIT-60	MTT
# Sensors	24	40	60	12
Temperature	177°C	177°C	177°C	150°C
Pressure	103 MPa	138 MPa	138 MPa	103 MPa
Tool OD	43 mm	70 mm	99 mm	43 mm
Tool Length	1.64 m	1.68 m	1.55 m	2.18 m
Tool Weight	9.4 kg	31.8 kg	43.5 kg	13.6 kg
Measurement ID Range	50 - 178 mm	100 - 178 mm (245 mm extended)	102 - 254 mm	50 - 178 mm
Logging Speed	10 m/min	10 m/min	10 m/min	10 m/min
H₂S / CO₂	yes	yes	yes	yes
Memory	yes	yes	yes	yes