

CASED-HOLE LOGGING

MULTIFINGER IMAGING TOOLS

MAKING INTERVENTION
SMARTER

MIT60 is used in large casings for maximum measurement coverage. The MIT60 reaches to 14 inches internal diameter. MIT40 is the most commonly used tool. Best coverage in most tubings. MIT24 is used in small tubings/casings or where restrictions make MIT40/60 unusable.

The Multifinger Imaging Tool (MIT) measures the inner diameter of a wellbore, and is able to detect very small changes of the internal surface conditions with a high degree of accuracy. The tool has an array of hard surfaced fingers, each finger makes contact with the inside wall of a pipe measuring radius with precise resolution and accuracy. The tool is available in three different sizes; 24, 40 or 60 fingers. All tools may be run with extended fingers to increase the measurement range.

FEATURES

- Detection and quantification of corrosion or scale build-up
- Accurate measurement of wellbore inner surface
- Identification of tubing items, buckling, holes and other damages
- Extended finger lengths available
- Internal inclinometer and orientation sensor
- 3D visualisation available
- Combinable with other GE Ultrawire™ tools
- Memory or surface read-out operation

SERVICE NAME	MIT 24	MIT 40	MIT60
Length	1 640 mm / 64.6 in	1 680 mm / 66 in	1 550 mm / 61 in
Weight	9.38 kg / 20.7 lbs	31.75 kg / 70 lbs	43.5 kg / 95.7 lbs
OD	43 mm / 1.688 in	70 mm / 2.75 in	99.06 mm / 3.9 in 111.76 mm / 4.4 in
Accuracy, radial	± 0.508 mm / ± 0.02 in	±0.508 mm / ±0.02 in ±0.635 mm / ±0.025 in	± 0.635 mm / ± 0.025 in ± 0.762 mm / ± 0.030 in
Resolution, radial	0.051 mm / 0.002 in 0.076 mm / 0.003 in	0.051 mm / 0.002 in 0.076 mm / 0.003 in	0.076 mm / 0.003 in 0.127 mm / 0.005 in
Measurement range	45-114 mm / 1.75-4.5 in 45-178 mm / 1.75-7 in	70-178 mm / 2.75-7.0 in 70-254 mm / 2.75-10.0 in	101.6-254 mm / 4-10 in 114.3-356.6 mm / 4.5-14 in
Logging speed	10 m/min / 30 ft/min	10 m/min / 30 ft/min	10 m/min / 30 ft/min
Maximum pressure	1030 bar / 15 000 psi	1030 bar / 15 000 psi	1030 bar / 15 000 psi
Maximum temperature	177 °C / 350 °F	177 °C / 350 °F	177 °C / 350 °F