

Key ET setup variables

MANIK TRADING technical reference table

Variable	Effect	Report control
Frequency	Penetration depth and phase response	Hz/kHz and selection basis
Coil/probe type	Coverage and orientation sensitivity	Encircling/fixed/rotating
Fill factor	Coupling and signal amplitude	Tube OD and coil ID
Test speed	Sampling and detectability	m/min and equipment range
Magnetic saturation	Reduces permeability noise in steel	Field level and setup

Source / basis: ISO 15549 — Eddy current testing, general principles; ISO 15548 equipment series