



TÜBİTAK
BİLGEM



MİTÖL

MAGNETIC SIGNATURE MEASUREMENT AND MITIGATION SYSTEM

MİTÖL (Magnetic Signature Measurement and Mitigation Laboratory) is a state-of-the-art system designed to deliver highly accurate magnetic field measurements of objects along with comprehensive analysis capabilities.



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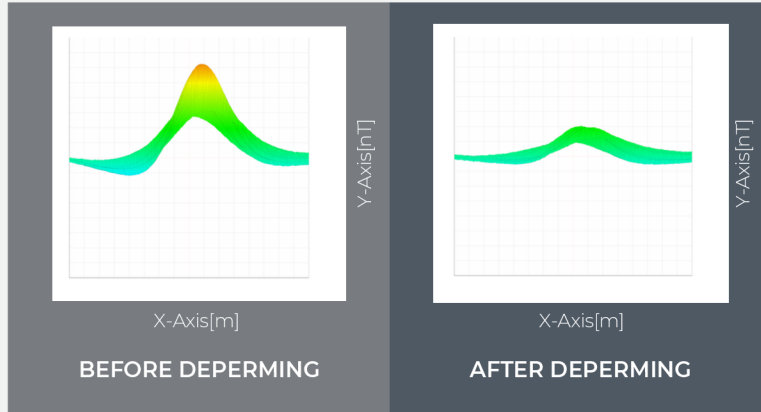
With its integrated degaussing functionality, the system enables effective active magnetic field mitigation, ensuring optimized performance in demanding environments.

The platform provides real-time monitoring through intuitive 3D graphical visualization, allowing users to track and analyze magnetic signatures instantly and with high clarity.

Additionally, the integrated Earth Magnetic Field Simulator allows environmental conditions to be virtually modeled, offering enhanced testing flexibility and precise scenario-based analysis.

FEATURES

Measurement Capacity	Up to 1.5 m x 1.5 m x 1.5 m and 2000 kg
Wide Measurement Range	±100 microtesla (μ T) magnetic field measurement capability
High Sensitivity	Ultra-precise measurements with 1 nanotesla (nT) resolution
Degaussing	Active magnetic field reduction with built-in system
3D Visualization and Real-Time Tracking	Three-dimensional visualization of instant measurement results
Earth Magnetic Field Simulation	Magnetic field modeling and comparison according to regional conditions



USER INTERFACE



DEGAUSSING PROCESS USER INTERFACE

