



Mark IV

TANK FLOOR SCANNER



Lightweight • Durable • Precise • Rugged • Reliable

MFE Enterprises Tank Floor Scanner: The Mark IV

The Mark IV takes the precision, reliability, and durability of its predecessors to another level with state-of-art, user-friendly software and a lightweight build. Its slim design boasts unprecedented weight of only 65 lb.

The convenience of using the new Mark IV will be outweighed only by the confidence in its reporting features and ability to discover volume loss in real time with its true real-time display.



- Manual and Mapping Modes
- Real-Time Display
- Fully integrated, User-Friendly Software
- Tank Drawing
- Analytical & Reporting Features
- Only 65 lb/30 kg

Hot Swappable Batteries

The Mark IV features a hot-swappable, dual battery system that allows operators to safely replace and reinsert fresh batteries without losing power to the scanner. The batteries are extremely lightweight weighing only 1/10 of a pound.

Fully Adjustable Handles

The Mark IV was designed to be easily transportable with fully adjustable, collapsible handles, a quick release detachable handle, and integrated electronics.

Advanced Military-Spec Breakaway Connectors

With the push-pull locking system, the connection secures itself when mated. And so it remains, protected from unwanted demating, until the user simply pulls back the outer sleeve of the connector.



SOFTWARE

MFE Enterprises, Inc. has designed an MFL software package that allows the operator to quickly and efficiently map the tank floor bottom in record time.

User Friendly Software:

The software guides the operator through an intuitive process that begins with quickly generating a sketch of the tank floor bottom and ends with a comprehensive detailed MFL map of the tank floor bottom.

Real-Time Display:

The real-time “A-Scan” display features a LED signal response that runs concurrently with a “C-Scan” mapping preview that clearly illustrates where the defect is relative to the magnetic bridge. This allows defects to be located even faster and drastically eliminates the needs of the scanner to be constantly moving while locating defects.

Tank Floor Bottom:

In less than 10 minutes, the operator can quickly recreate the tank floor plate layout, including annular plates. Detailed information for each plate is not required until the operator is ready to begin the MFL scan.

Speed Tracking:

Our new speed tracking feature provides the operator immediate feedback so they are confident they are scanning within an optimal speed range, ensuring consistent an accurate.

SPECIFICATIONS

Scan Width	12 inches
Maximum Single Length	None
Thickness Range	Up to .75”*
Test Through Coatings	Yes, if non-magnetic
Real-Time Analysis	Yes, 12 channels
Power Requirements	Hot Swappable Tablet Batteries
Operation Weight	65 lb / 30 kg
Freeze Screen Alarm	Yes
Adjustable Threshold	Yes
Sensitivity	Adjustable

**(.50* to .75* available with High Flux Bridge Upgrade)*

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TANK FLOOR SCANNER

Only 65 lb / 30 kg!

Manual and Mapping Modes

Fully Integrated Software

- Real-Time Display
- Tan Drawing
- Analytical & Reporting features



Quick Release Detachable Handle

Fully Adjustable Handles

Hot Swappable Batteries

Advanced Mil-Spec
Breakway Cables

Integrated Electronics

Mapping Encoder



New Slim, Lightweight Design



Distributors located all over the world!

Units sold on every continent!

United States
Egypt
China
South Africa
Australia

Canada
Mexico
Ecuador
Venezuela
Colombia



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