

Mark IV Tank Floor Scanner



Features:

- Manual and Mapping Modes
- Real-Time Display
- Fully Integrated, User-Friendly Software
- Tank Drawing
- Analytical & Reporting Features
- Powered by Getac F110 tablet's Hot Swappable Batteries
- Fully Adjustable Handles
- Advanced Military-Spec Breakaway Connectors
- Only 65lb / 30kg



Manual Mode

The manual setting provides inspectors with a real-time display alongside a C-Scan mapping preview screen. In order to retain consistent results, operators receive immediate feedback while scanning from the new Speed Tracking feature. This feature ensures operators that they are scanning within an optimal speed range. Along with Speed Tracking, the Mark IV tank scanner contains Speed Compensation Software which normalizes the signal response when scanning within the speed tracking range.

User-Friendly Mapping Software

Mapping tank floor bottoms can be a complicated process with other scanners, yet with the Mark IV tank scanner, an operator can map a tank floor bottom in minutes. 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. Operators can choose features such as setting annular plates, designating the corner and offset, and coating thickness with a few taps on the touchscreen Getac F110 screen.

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Software

The software package allows the operator to map the tank floor bottom quickly and efficiently.

<p>User-Friendly: 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. Also, operators may switch from manual to mapping modes with the touch of a button.</p>	<p>Real-Time Display: The real-time “A-Scan” display features an LED signal response that runs concurrently with a “C-Scan” mapping preview. The C-Scan preview clearly illustrates where the defect is relative to the magnetic bridge, allowing operators to locate defects even faster. Also, the ability to monitor both the led response along with the C-Scan view eliminates the need for the scanner to be constantly moving.</p>
<p>Tank Floor Bottom: In less than 10 minutes, recreate the tank floor bottom in our user-friendly software on the touchscreen. The operator does not require detailed information for each plate until the operator is ready to begin the MFL scan.</p>	<p>Speed Tracking: The operator receives immediate feedback from our new speed tracking feature. It provides confidence that operators are scanning within an optimal speed range, ensuring consistent, accurate results</p>
<p>Speed Compensation Software: Speed Compensation Software allows operators scanning at different speeds to obtain the same results. The speed compensation software normalizes the signal response when scanning within the speed tracking range.</p>	 A screenshot of the software interface. It shows a 'Create New Tank' screen with a central circular scan area. On the left, there are input fields for 'Test Tank', 'Number of plates', and 'Plate thickness'. On the right, there are several control buttons and a 'Finish' button at the bottom right.

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Specifications

Scan Width	12 Inches
Maximum Single Scan 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	65lb / 30kg
Freeze Screen Alarm	Yes
Adjustable Threshold	Yes
Sensitivity	Adjustable