Fastest Error-free Scan-to-Report Solution for Asset Integrity

NDT SOLUTIONS NDT SOLUTIONS

HandySCAN 3D EVO Series

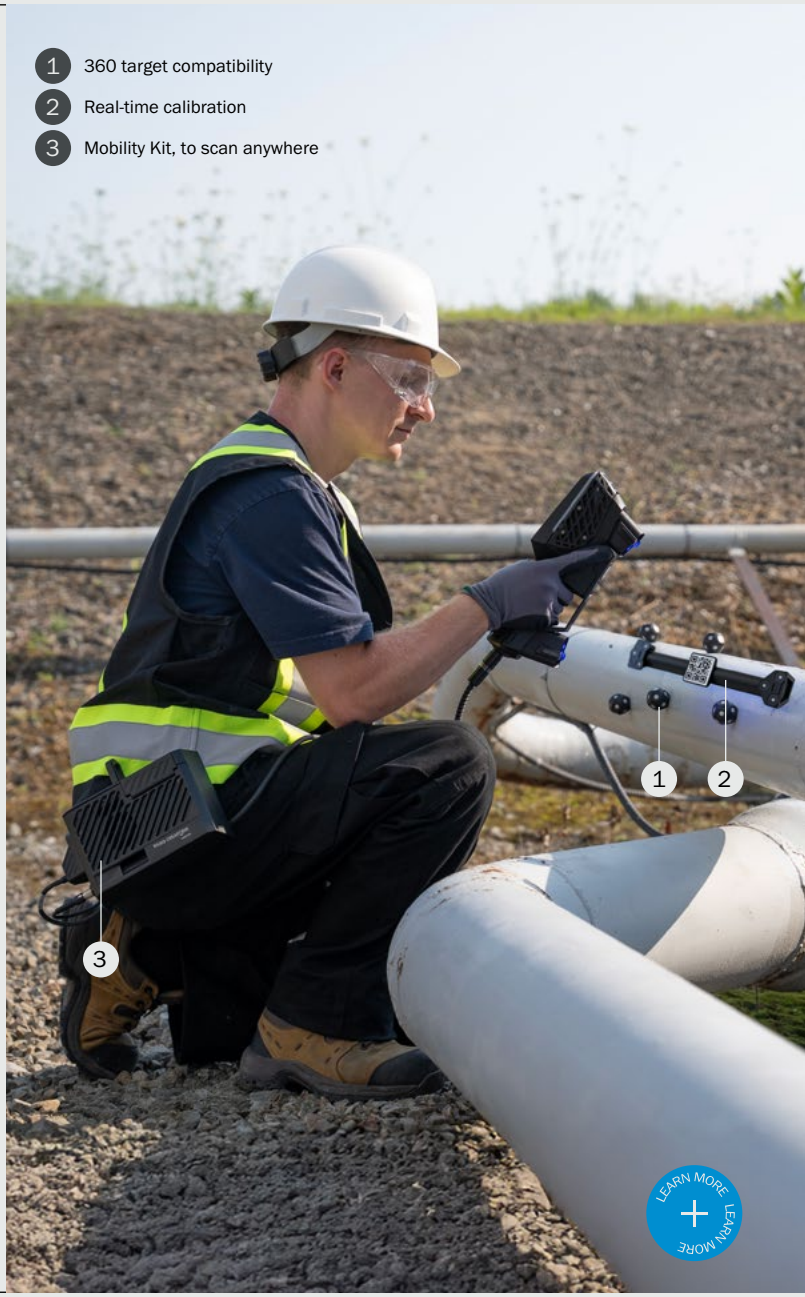
The HandySCAN 3D EVO Series™ integrates cutting-edge technologies, enabling it to solve our clients' operational challenges in innovative ways. This scanner includes:

- A 12MP camera that allows on-site photo capture and seamless integration into inspection reports
- A dedicated and optimized touchscreen interface on the 3D scanner's screen for intuitive navigation and data visualization
- Advanced augmented reality capabilities that simplify the interpretation of inspection results
- A complete redesign of our cables, making them more durable than ever before

Mobility Kit for Unrestricted Mobility During Inspection Routines

The EVO Series can be paired with the Mobility Kit, a lightweight and compact belt-mounted module, to form a standalone mobile 3D scanning solution.

This wireless configuration, combined with the embedded display, eliminates the need for external power sources, bulky computers or tablets, and lengthy cables—providing technicians with a fully autonomous solution.



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POSSIBILITY TAKES FORM

Guided Inspection Configuration for Improved Conformity and Productivity

Integrated seamlessly into the EVO Series, the Guide Inspection feature allows users to perform an inspection directly on the scanner's touchscreen, with minimal steps and interaction required. The inspection can be preconfigured, limiting manual input from the operator and improving both conformity and productivity. The picture can be taken directly with the scanner camera on site and integrated into an automatically generated PDF report, saving time-consuming reporting, post-processing time and editing errors.

Scanning

The embedded touchscreen display improves mesh data visualization during digitization, enhancing user ergonomics. Integrated menu navigation on the scanner's interface removes the need for a nearby computer.

Augmented Reality Analysis

The Analyze On-site feature lets users to view the analysis immediately to improve inspection quality and speed up data validation. The camera feed enables analysis data to be overlaid directly onto the inspected asset (Augmented Reality), producing more accurate documentation.

Reporting

Snapshots, photos, and AR-enhanced images captured with Creaform's solutions are automatically added to the predefined report, reducing the risk of handling errors.

Powered by the Creaform Integrity Suite

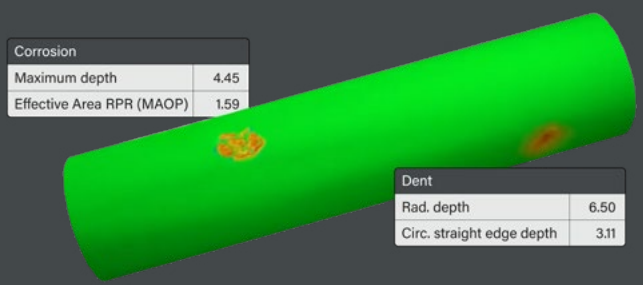
The **Creaform Integrity Suite™** offers a comprehensive portfolio of application software modules tailored for maintenance, including damage and deformation assessments, without the need for a CAD model.

LEARN MORE

The suite includes four modules: **Pipeline, Aircraft, Pressure Equipment**, and the **Analysis Toolkit**. Each provides a complete, integrated solution for advanced surface damage and integrity assessments.

The **Pipeline Module** enables users to preconfigure settings, personalize interfaces, and customize reports, thereby accelerating the scan-to-analysis process and optimizing the use of the HandySCAN 3D EVO Series in the field.

It also supports the **API 579** and **B31.G standards** as well as the **Plausible Profiles (Psqr) Corrosion Assessment** method, enabling pipeline owners to make valid diagnoses and timely, informed repair decisions.



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