

Floor Scanner

MFE Enterprises, Inc. is proud to announce the release of its new and improved Mark III lineup. The Mark III floor scanner addresses many issues faced by the modern day tank inspector, such as improved tests through coated floors and thicker plates, fully adjustable thresholds for improved techniques, and the ability to produce color-coded maps of carbon steel loss across the tank floor. Initially, the Mark III floor scanner will be available in three different models: manual operation, stop-on-defect and mapping. The manual operation is the most basic model, but still comes with an improved magnetic bridge allowing for better tests. The stop-on-defect is an upgraded version that primarily offers a motor to drive the floor scanner, and also features an improved and fully adjustable threshold. The mapping floor scanner is the fully upgraded version that allows the inspector to create a color-coded map of the carbon steel across the tank floor, along with versatile software that allows the user to create a detailed tank floor schematic. The combination of these features is an excellent tool for locating steel loss in plates and determining how to best approach tank floor repairs.

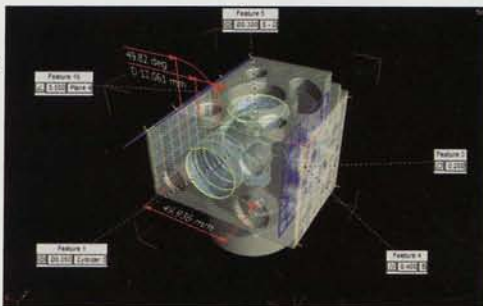
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Computed Tomography Software

The computed tomography software VGStudio MAX from Volume Graphics GmbH is not only ideal for graphic processing of the raw data output by computer tomography scanners, but also offers a wide range of analysis tools (that is, actual/nominal comparisons, material tests and measurements). The current version 2.1 now provides new features for measuring, including geometric dimensioning and tolerancing according to *DIN ISO 1101*. With the integration of this functionality, Volume Graphics has turned the coordinate measurement add-on module into a comprehensive tool, allowing users to perform all measuring tasks using one software platform. VGStudio MAX allows measurements, including geometric dimensioning and tolerancing, to be performed directly on the basis of volumetric data. Conversion into a computer-aided design data format is not necessary. What is also important is the fact that the user always has direct access to both the 3D image and the 2D slice images provided by the computed tomography system. It is very easy to switch from 3D to 2D and back with the click of the mouse.

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AGR Field Operations

AGR Field Operations specializes in the design and manufacture of state-of-the-art ultrasonic data acquisition equipment. AGR combines phased array, ToFD and Pulse Echo into a convenient and powerful series of instruments designed to suit the widest range of applications.



Our latest advanced ultrasonic system, the TD Handy-Scan, is a fully portable multifunction instrument supporting both Phased Array and conventional channels, providing a compact, versatile instrument that is ideal for field use in petrochemical plants, offshore installations, power stations, workshops, etc. The TD Handy-Scan is supported by AGR's latest tried and tested version of the TD-Scan software, incorporating TD Super-View.



The latest TD-Scan software has been enhanced to provide the operator with superior one handed control of the hand-held instrument and ASME code compliant features.

- Phased Array, ToFD and Pulse Echo simultaneously or individually
- 64/32 element phased array system
- 8 conventional channels for ToFD or pulse echo applications included
- Mains or battery powered
- Removable, rechargeable battery
- USB and Ethernet
- Latest memory and storage



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