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GEKKO

New software release

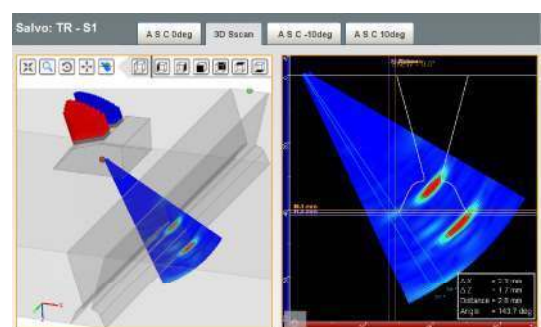
M2M has released the last version of the GEKKO's software. This 1.4 release contains new techniques (Dual Matrix Array or Dual Linear Array management, Total Focusing Method with 2D mapping, 800% amplitude dynamic –to avoid recording saturated signals or to restart acquisition-, ...) and other imaging & analysis improvements (D-Scan view, A-scan envelope, ergonomy and performance improvements...). This new release offers cutting-edge solutions while keeping an extremely comprehensive interface.



Corrosion mapping

- Reduced dead zone: detection of corrosion less than 1mm from the front surface.
- Pitting detection smaller than 1 mm

M2M will be showing a demonstration of corrosion mapping on WCNDT stand FE65!

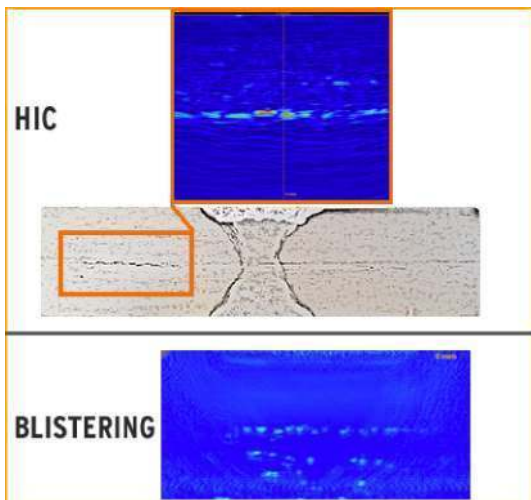


Bi-metallic weld inspection using Dual matrix array

(Transmit-Receive-Longitudinal) or DMA (Dual Matrix Array) probes are now managed directly in the GEKKO. Delay laws can be calculated on board avoiding the need to import them from a PC. These probes are fully compatible with the real-time TFM.


 More information about this article: <https://www.m2m-nct.com/Dateien/Dateien/191616net/?id=1916161>

Watch video



Blistering / HTHA / HIC

Small defect detection for carbon steel inspection (Blistering/ HIC) using Total Focusing Method (TFM).



Composite inspection using 3-axis encoded scanner

The Gekko is the only portable unit compatible with 3-axis scanners making it possible to use with mouse type scanner for very fast scanning of large plates.

Watch video

Rugged



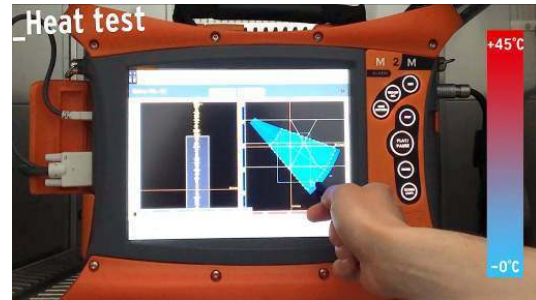
Made for field inspection

Tested for drops up to 1m22, GEKKO is the ideal flaw detector for harsh environments. With reinforced elastomers and its mechanical characteristics, GEKKO is conformed to the MIL-STD-810G standard. GEKKO meets or exceeds the minimum required in the ASME, AWS, API, ASTM, EN standards... while providing unique means of default characterization. GEKKO is also certified by CSWIP and PCN approved.

Watch video

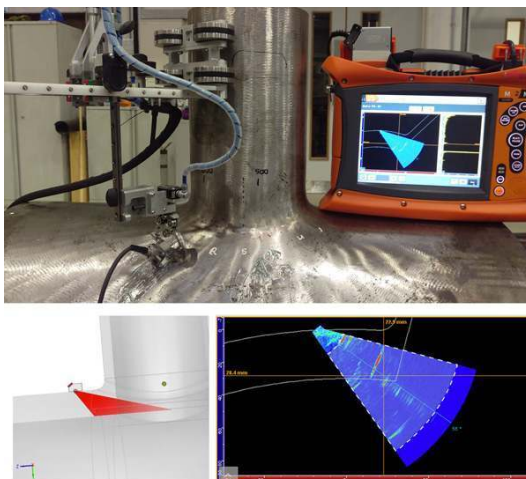


Flaw detector GEKKO is IP 66 allowing an operator to use it in rainy and dusty environments.



GEKKO supports extreme weather conditions. With operating temperatures ranging from -10°C to 45°C and a storage temperature range from -10 to 60°C with battery, GEKKO deals with the roughest conditions.

ON THE BOOTH FOR **WCNDT**



Nozzle inspection demonstration

With the possibility to define nozzle type geometries on-board, the GEKKO can be used for 3-axis encoded nozzle inspections. Sscan images superimposed on the Cross-section overlays of the nozzle are calculated as the operator moves the probes. Come by M2M stand FE65 to see a demonstration!

WHERE TO MEET **M2M** TEAM



19th World Conference on Non-Destructive Testing

June 13 - 17, 2016

Munich, GERMANY

Booth FE 65 - ground floor



Far East NDT/E - M2M China

June 22 - 24, 2016

Nanchang, CHINA



World Nuclear Exhibition

June 28 - 30, 2016

Le Bourget, Paris, FRANCE

Tecnatom's booth 2B-D25



CONAEND - M2M do Brasil

August 22 - 25, 2016

Frei Caneca Convention Center, São Paulo, BRAZIL



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