

CAPTURE

Be the best inspector you can be



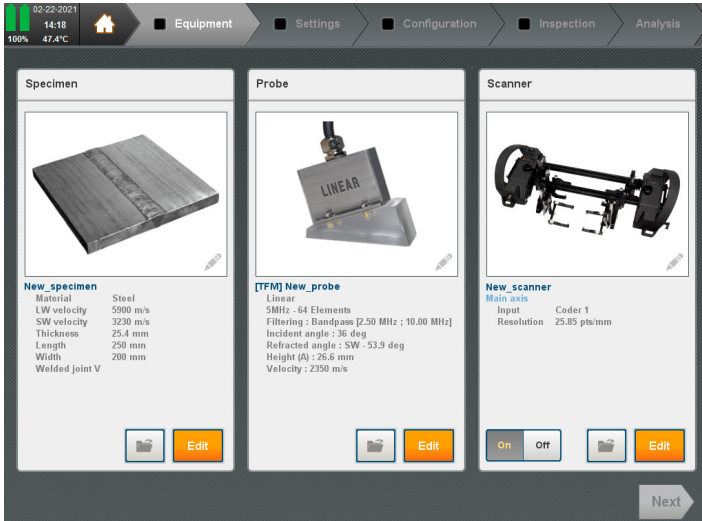
Streamlined PAUT software for Gekko[®],
Mantis[™], Panther[™] and PC.

ADVANCED PHASED ARRAY FOR ALL-LEVEL INSPECTORS

Capture™ provides a quick way to improve knowledge and remains focused on speeding up analysis while respecting inspection requirements.

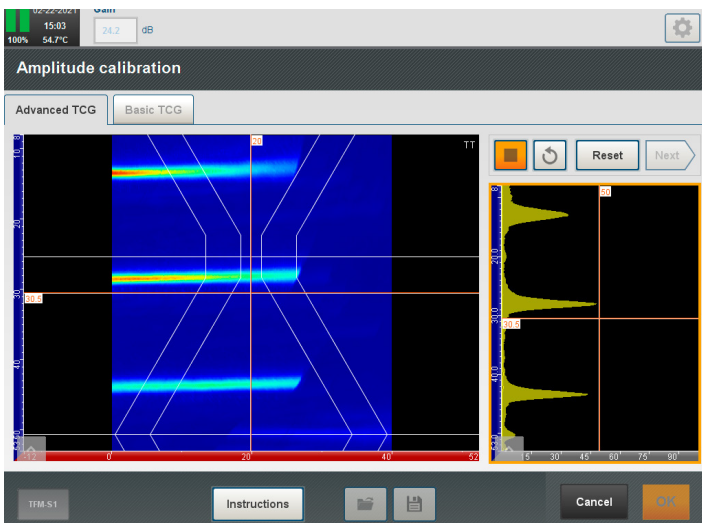
One UT software from setup to reporting

- Application-oriented wizards
- Complete probe, wedge, and scanner libraries
- Custom probe creation, including DLA/DMA probes
- CIVA-based focal law calculator
- Full scan plan for procedure compliance
- Analysis and customizable inspection report



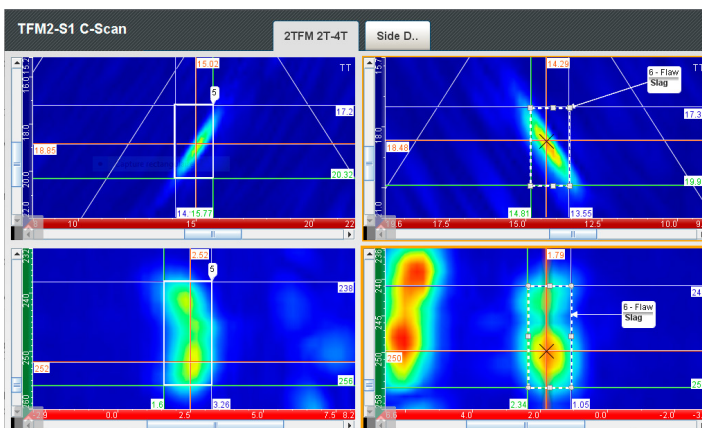
Unique 3-click calibration wizards

- Part and wedge velocity calibration
- Amplitude balancing and dead element check
- Wedge delay + angle calibration—including AOD/COD wedges
- Beam balancing for PAUT sensitivity calibration (ACG)
- Innovative TCG calibration—including TFM



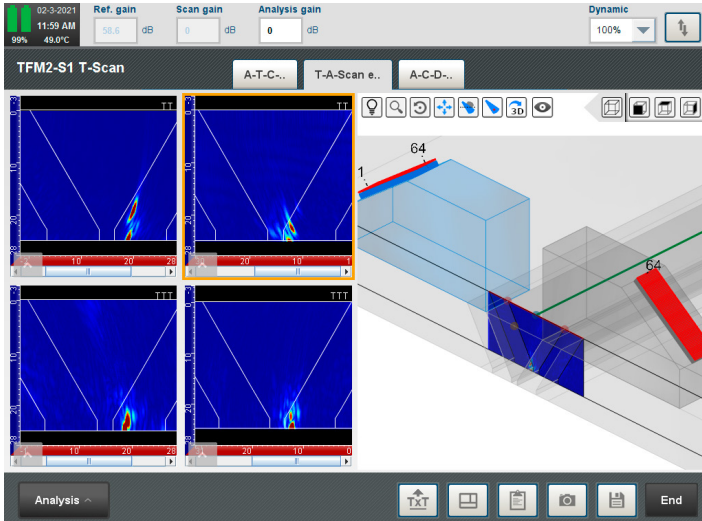
Analysis made simple

- Complete set of views and custom layout edition
- Accurate geometry display for better assessment
- Auto-detection and sizing for corrosion and weld
- Customizable indication table and readings
- Data stitching for corrosion mapping
- Inspection report customization and export (PDF and Excel)
- Assisted analysis for butt weld inspection



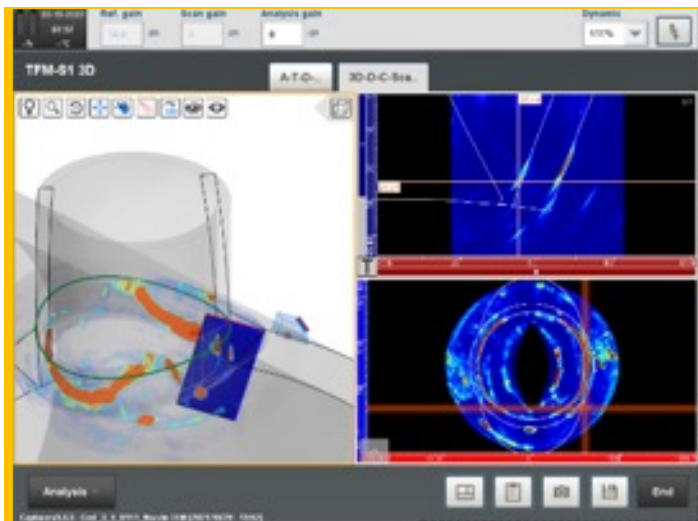
INNOVATION BROUGHT TO THE FIELD

Benefiting from over 10 years of experience with TFM, Capture combines challenging requests from customers in the field with disruptive innovations.



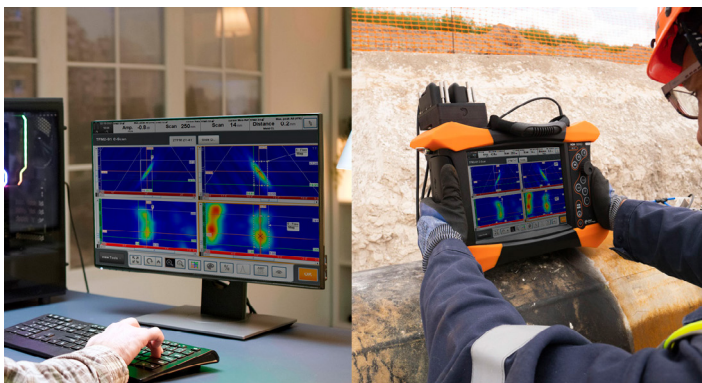
TFM for the field—our DNA

- Multi-probe, multi-group, and multi-mode configurations
- FMC, sparse, PWI transmission modes, and FMC recording
- Handling linear, matrix, DLA, and DMA probes
- Grid verification tool compliant with ASME-V/ISO 23865
- Typical 1 inch weld inspection from both sides up to 130 mm/sec (5 in/sec)



Application-oriented solutions

- Capture Nozzle inspection with 3-axis scanner
- Fillet welds (T, Y) with multi-skip ray tracing
- True 2D CAD component import
- Embedded scanner controls (RMS PA, Lyncs...)
- Paintbrush 2D mapping with 3-axis rotating arm
- Unique Adaptive TFM (ATFM) solution for wavy surfaces



Connect your Capture

- Version manager & remote update from the cloud
- File sharing and remote control through Ethernet/wireless
- Multi-instance Capture PC
- Compatible with analysis software (CIVA Analysis, Ultis, NTPlot...)

	GO GEKKO	GO MANTIS	PRO PANTHER	CPN PC	PRO PC
Setup & Inspection					
UT, PAUT, TOFD techniques	•	•	•	•	•
TFM technique	•	•	•	•	•
Plate, Pipe with weld overlay and HAZ	•	•	•	•	•
DXF overlay import (CIVA, ES BeamTool)	•	•	•	•	•
Advanced geometries (nozzle with weld overlay, fillet weld, True 2D CAD)	•	•	•	•	•
Scan plan with multi-skip ray, signal display, angle with bevel and near field	•	•	•	•	•
Sectorial, Linear and Compound scan	•	•	•	•	•
Focal LAW import (CIVA)	•	•	•	•	•
Multigroup settings (up to 8)	•	•	•	•	•
3-click cal. wizards for all techniques	•	•	•		
Data acquisition up to 3 encoded axis	•	•	•		
TFM Toolbox*					
FMC/sparse TFM with Linear, Matrix, DLA, DMA probe	•	•	•	•	•
PWI/TFM with Linear, Matrix, DLA, DMA probe	•		•	•	•
Max TFM aperture (channels)	128*	64*	128*	128	128
Multi-group, multi-mode, multi-probe (up to 4)	•	•	•	•	•
Max number of pixels per group	500k	225k	1M	500k	500k
Envelope display	•	•	•		
Grid Verification (Amplitude Fidelity)	•	•	•		
TCG calibration	•	•	•		
FMC Recording	•	•	•		
Data acquisition up to 3 encoded axis	•	•	•		
ATFM module	••				
Data analysis & Reporting					
Cursor position	•	•	•	•	•
Zoom & Fullscreen	•	•	•	•	•
A-, B-, C-, D-, E-, S-, T-Scan, echo-dynamic views	•	•	•	•	•
Amplitude Dynamic Range-16 bits	•	•	•	•	•
Top view, side view, 3D view	•	•	•	•	•
Customizable layout edition	•	•	•	•	•
Editable readings banner & indication table	•	•	•	•	•
Offline gate & thickness edition	•	•	•	•	•
TOFD tools (Wedge Delay, PCS, LW synchro, and removal)	•	•	•	•	•
Customizable inspection report (PDF/Excel export)	•	•	•	•	•
Indication auto-sizing (Amplitude/Thickness)	•	•	•		•
C-Scan stitching and data merging	•	•	•		•
3D multi-group display & data rendering	•	•	•		•
Advanced Indication table and indication merge	•	•	•		•
Assisted analysis for butt weld	••	••	••		••

• According to the Package •• Add-on module

The information in this document is accurate as of its publication. Actual products may differ from those presented herein.
 © 2022 Eddyfi Europe. M2M, M2M Gekko, Capture, Enlight and their associated logos are trademarks or registered trademarks of Eddyfi Technologies in the United States and/or other countries. Eddyfi Technologies reserves the right to change product offerings and specifications without notice