Eddyfi Technologies
Beyond current

RELEASE NOTE

Capture Software Version 3.3

This document describes the main enhancements of Capture version 3.3 released in July 2021.

System requirements

Capture V3.3 is compatible with all MANTIS and GEKKO under software subscription plan. For PC use, the minimum requirements are as follows:

- Windows 10 64bits
- Quad-core CPU @2GHz - no dedicated GPU required
- RAM 8GB
- 2GB free space on SSD

List of new features

Functions and improvements listed hereafter are available for all GEKKO and MANTIS configurations. Nevertheless, some functions depend on the package purchased concerning TFM features, advanced geometries and advanced analysis tools.

Advanced features

- Floating gates in analysis *
- Custom CAD 2.5D import (dxf compatible) **
  - Ability to manage flanges, rails, tapered welds, any geometry that can be modeled in 2.5D
  - Translation or revolution extrusion
  - Multi-probe setup compatible (PA only) with multi-skip display

Generic tools & ergonomics

- Gate synchronization on synchronized gate
- Loss of detection /loss of synchro highlighted on Cscan data (grey color)
  - Optimized zoom management
  - Zoom applied on S/E/T-Scan view kept when adjusting the data cursor on mechanical view
  - Un-zoom applied for 1 dimension when double-clicking on scale view in analysis

*Features available on Mantis, Gekko & Capture PRO.

**Features available on Mantis16:64PR-TFM64 and all Gekko models

Modifications of existing features

- Improved A-Scan linearization algorithm in envelope mode
- Update blocked on unit if battery power under 50% and not plugged in or if limited free disk space

- TOFD filter improvement (positive alternances reduced)
- Amplitude balancing result added to the inspection report

Known issues

- CTRL+ click shortcut for zooming in temporarily disabled
- Long saving time for heavy file (>1Gb)
- Min/max threshold information not displayed on color palette bar in analysis
- Wrong estimated scan speed when scan step different from 1mm (0.039in)
- ATFM instabilities when going back to configuration for data files older than Capture 3.2

For any questions, remarks or support needs, please contact us at support@eddyfi.com