

DMCI software V2.31 with enhanced Result Investigation

As from now all new DEFECTOMAT CI and DEFECTOMAT DI are delivered with DMCI software version V2.31.

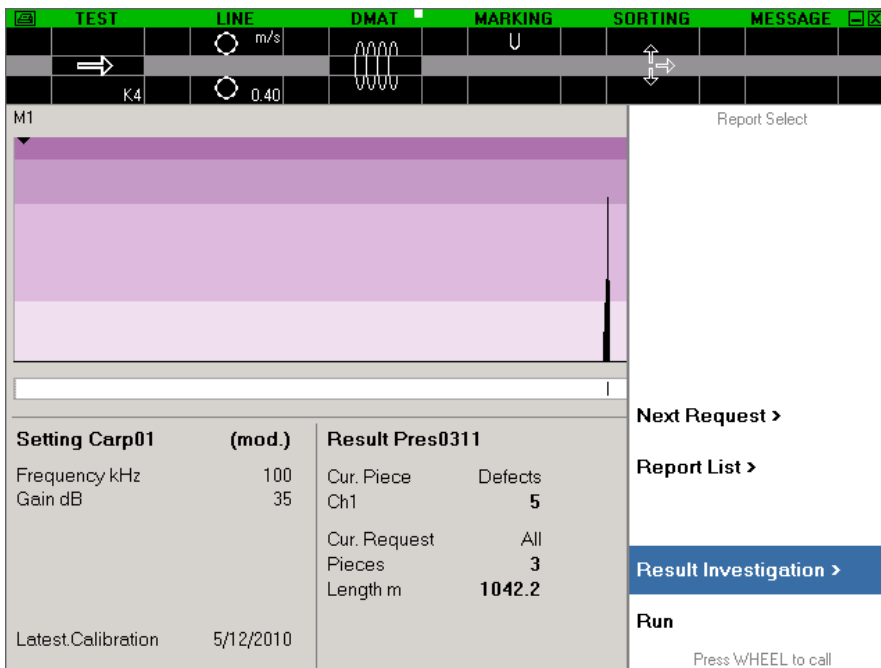


Fig 2: Window for Result Investigation

Since V2.10 the software option Result Investigation is available (see product news 36). The DMCI software V2.31 builds up the complete flaw line for later investigation of new test requests based on the stored data. Especially long test material, for example at wire testing now can be inspected graphically in detail for each test event.



Fig 1: DEFECTOMAT CI/DI



Fig 3: Wire testing

In the following example five events on a wire with 1500 m length are reported by the test electronics.

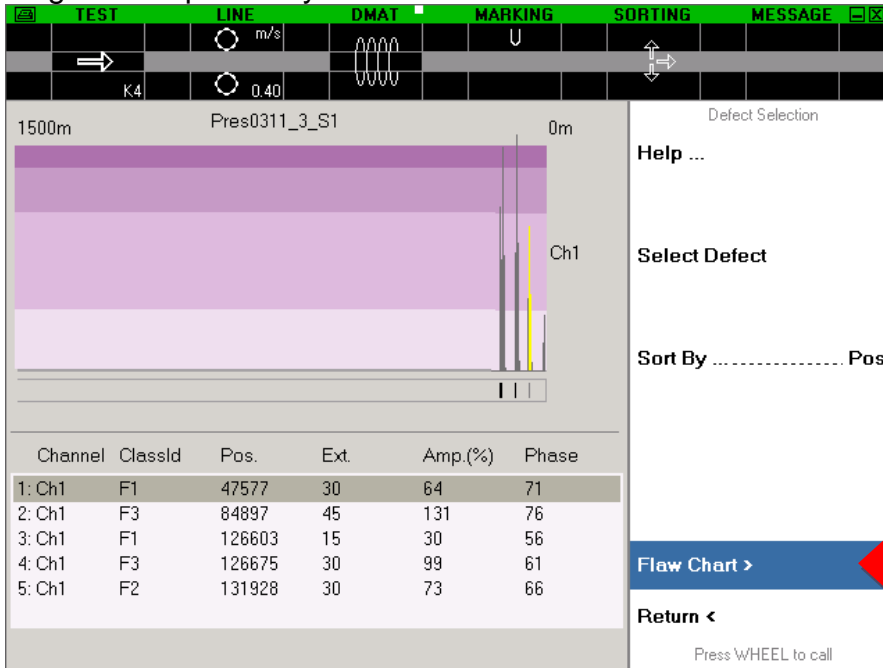
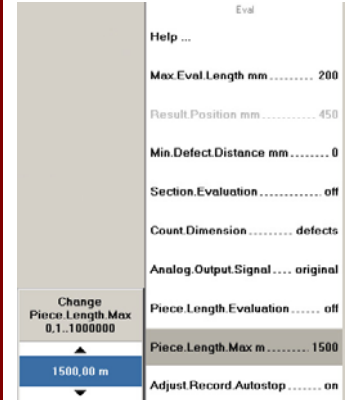


Fig 4: Window with list of defect details at Result Investigation



The maximum wire range to be displayed is specified by the parameter „Piece.Length.Max“, in this case: 1500 m

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The wire range to be examined can be selected exactly with the functions Zoom Shift and Zoom Width.

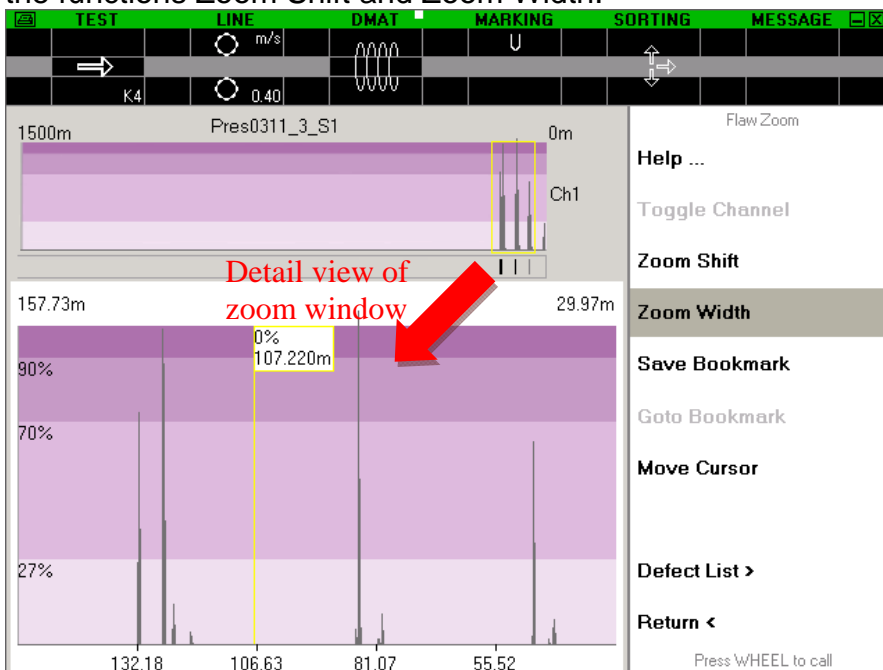


Fig 5: Window to set zoom width at Result Investigation

With the function Move Cursor it is possible to get to any position within the detail view of the zoom window. Beside the exact position of length also the signal amplitude is displayed in percentage. With Bookmark it is possible to switch quickly between two stored positions.

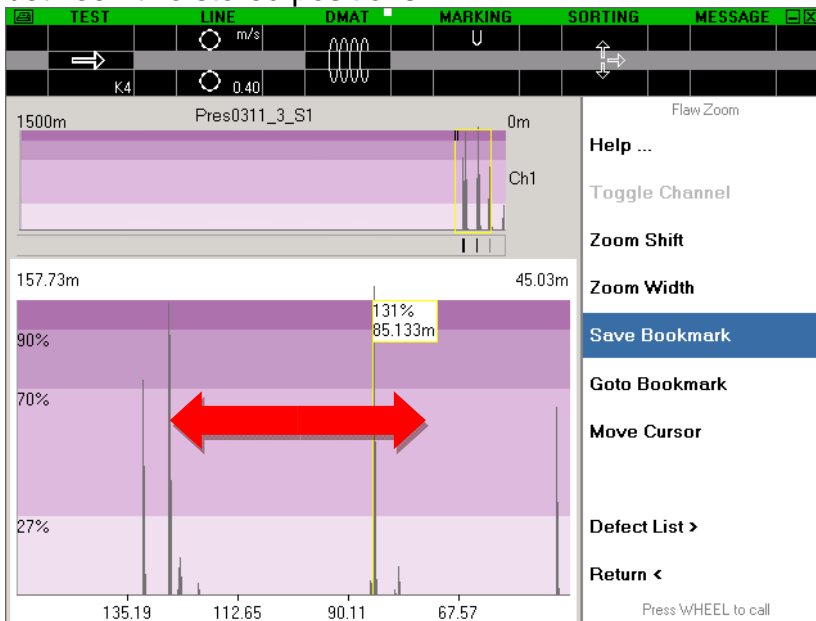


Fig 6: Window to set bookmarks at Result Investigation

On additional purchase of software option “Result Investigation” it is necessary to pass the “Info page” at ordering to Institut Dr. Foerster. The acquired software option is then activated on the test electronics.



Fig 7: Info page