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E.d.a.s.Win Plus

The MH software package E.d.a.s.Win Plus contains:

-  EdWin — Data - Acquisition
-  EWinView — Online Visualization
-  EdasWin — Offline Analysis

RT-EWin in connection with EdWin data acquisition

-  RTEWin

The software package RT-EWin is usually installed with a hardware-conditioned variant by EdWin. RT-EWin and EdWin must be installed in the same listing

Installation from E.d.a.s.Win Plus:

1. Installation from CD Rom:

   
   Click on Install.exe, enter pathname for destination folder and click <**Install**>.

2. Installation from a temporary directory:
   Unzip the contents of your MH software – **Zip-file** in a temporary directory (for example: c:\windows\temp\ ). **Attention:** Unzip with sub folders!

   
   Click on Install.exe, enter pathname for destination folder and click <**Install**>.
   After complete installation close the dialog with <**Ready**>.

3.  program group will be create automatically on desktop.

Configuration EdWin with attached hardware:

- Open program group 

.
- Double click on 

starts EdWin, the entrance screen appear.
- In hardware menu, choose hardware (for example: MH, CAN, MCL …)

Configuration EdWin: First steps with demoapplication:

- Open the program group 

.
- Double click on 

starts EdWin, the entrance screen appear.
- Click open in the file menu, and select the file Suspension.edw in the installation path from EdWin.
- A demo configuration for EdWin and EWinView is loaded and displayed.
- The measuring time is limited up to **60 seconds**. The measured file called **Demo.ewd** and is stored in the installation path from EdWin.

Configuration RT-EWin: First steps with demoapplication:

Start Rt-EWin. Select the demo.rte file in the file menu /opening. Start the application with  .

The application starts a software signal generator 

Detailed information about programming, diagram characteristics and configuration of RT-EWin are listed in online help.

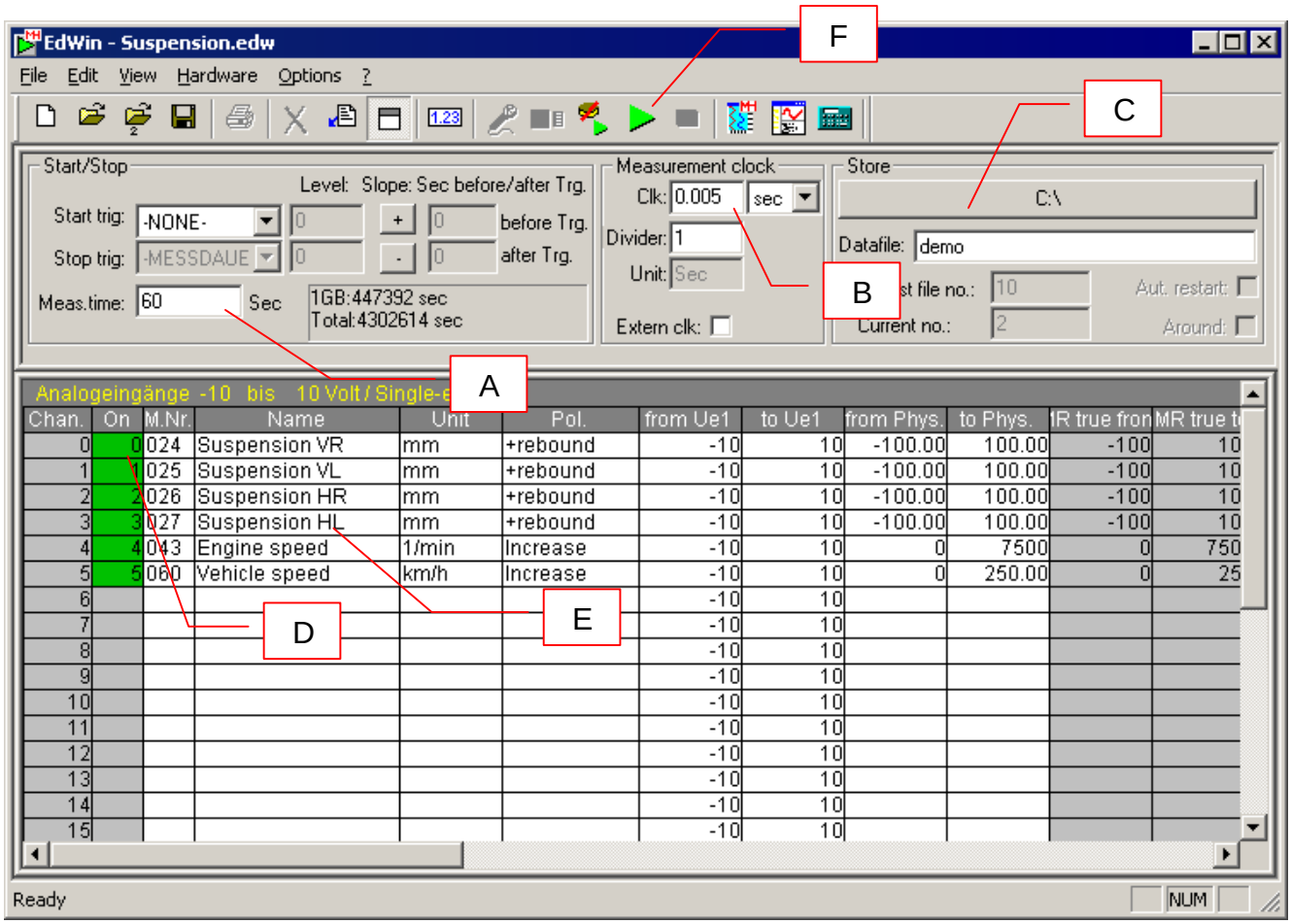
EdWin: Step by Step measuring parameters adjust.

1. Open the E.DAS program group.

2. Double click on the EdWin Icon. EdWin starts up.

EWinView starts automatically in the background.

3. Enter measuring time A, clock rate B and storage path C



4. Click into the cell from the row “On”.D to switch the channel on / off.

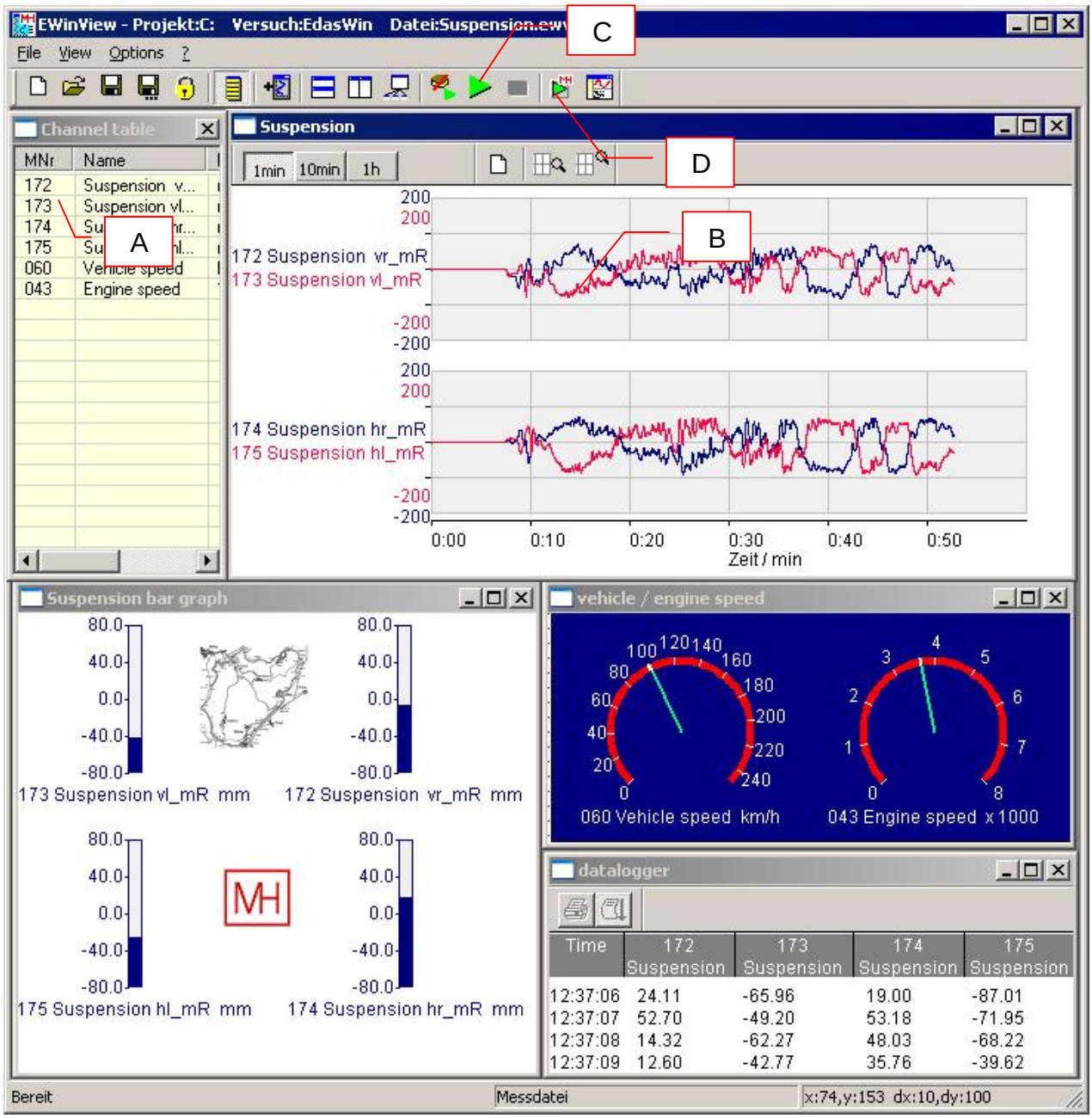
5. Enter channel name, unit and range. E

6. Click to start the measurement. F

EWinView comes on top of the screen.

EWinView: Step by Step online visualisation parameters adjust.

1. Mark **channel [172]** in the channel table A and pull the channel with drag and drop into the line recorder. B The measured values are represented immediately there. With each further channel can be exactly the same proceeded.



2.  Stop measurement. C

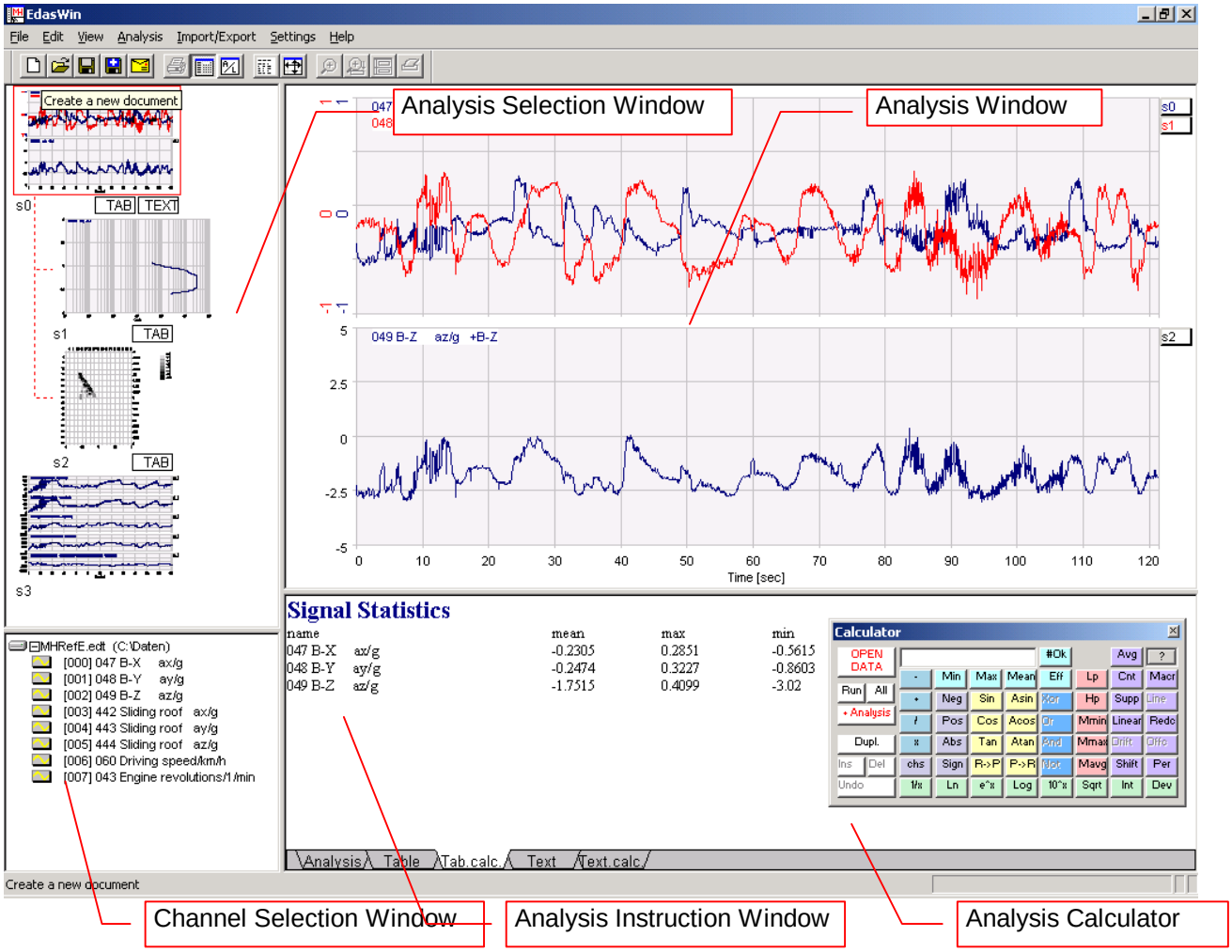
3.  Switch back to EdWin. D

- Using the function keys < F4 >, < F5 >, < F6 > EWinView can be served purposefully:

  F4 = Start measurement **F5** = Stop measurement
  F6 = Swiched between EdWin and EWinView / EWinView and EdWin

Detailed information about programming, diagram characteristics and configuration of EdWin and EWinView are listed in online help.

Analysis View

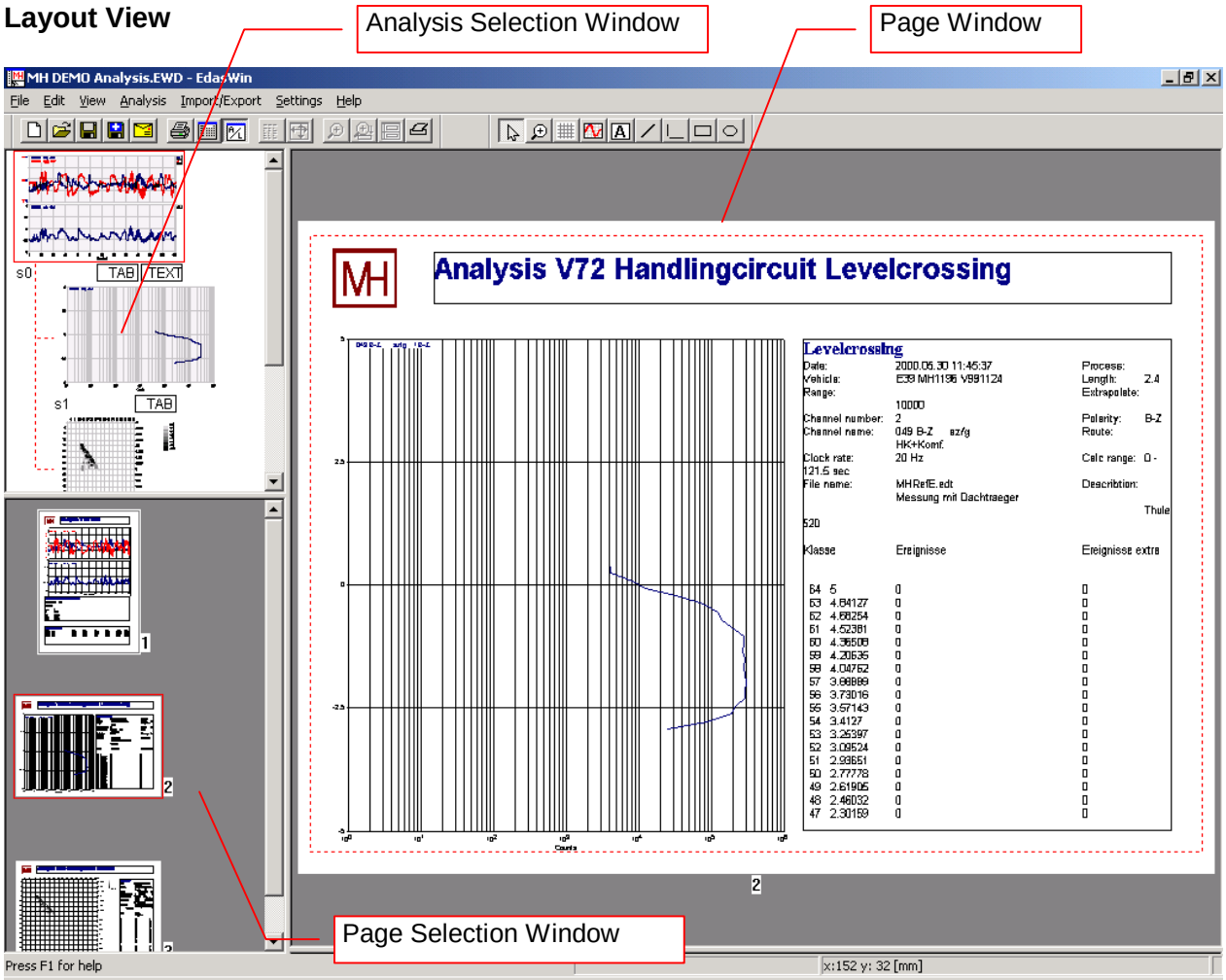


E.d.a.s.Win starts up in the Analysis View. This view provides tools for analysis, calculation and evaluation of test data. The analysis view consists of four windows: The Analysis Window (top right) where analysis results are displayed, the Analysis Instruction Window (bottom right), where all analysis steps are logged, the Channel Selection Window and the Analysis Selection Window (left). The Signal Window and The Analysis Selection window display the channels of the current test data set. After E.d.a.s.Win has started up all Windows are empty. A test data set is opened by clicking on the <OpenData button> on the Analysis calculator. After the file is opened its name is displayed in the Analysis Instruction Window and the channel names appear in the Channel Window. Double clicking on a channel name displays the channel data in the Analysis Window. Double clicking on another channel adds this channel to the Analysis Window. Clicking on <+> in the Analysis Calculator adds the two channels. All other calculator functions operate in a similar fashion. Clicking on <+ Analysis> in the Analysis Calculator opens a new Analysis Window. The contents of the existing Window are stored in memory. There is no limit to the number of Analysis Windows that can be opened. By clicking on the corresponding analysis in the Analysis Selection Window a previous analysis will be activated and displayed in the Analysis Window. To the left of the channel graph display in the Analysis Window are two areas in which the mouse pointer assumes a different functionality. This change in functionality is indicated by a change of the cursor pointer. Immediately to the left of the graph the cursor changes to a selection marker M. Clicking the left mouse button selects (tags) this channel. All channels on which an analysis is to be performed using the Analysis drop down menu need to be selected (tagged). Right clicking on a tagged signal brings up another display graph of the channel. Further to the left the cursor changes to an A.

Left clicking now displays the channel in a new Analysis Window (Modify Mode). This channel can now be analyzed separately. The analyzed channel can be placed in the originating window by clicking on <Ready> in the Modify dialog. Positioning the mouse on a channel graph, pressing the left mouse and dragging left to right marks a x-section of the channel data. The x-section and its boundaries can be moved along the x-axis. Positioning the cursor in the x-section and right clicking at the x-section zooms into the section. Positioning the mouse on a channel graph, pressing the left mouse button and dragging top to bottom marks a y-section of the channel data. The y-section and its boundaries can be moved along the y-axis. Positioning the cursor in the y-section and right clicking at the y-section zooms into the section.
Using the M cursor, pressing the left mouse button and button dragging the cursor left allows positioning of up to two markers which are valid in all displayed channel graphs. An additional window displays the numerical cursor positions for all signal channels.

More functions such as Diagram Settings are available by clicking the right mouse button.

Layout View



The Layout View can be called up at any time and consists of three windows: The Page Window (right) where a whole page is displayed, the Page Selection Window and the Analysis Selection Window (left). An existing analysis can be transferred to the Page Window by drag and drop. The graph can be positioned freely on the page or within a predefined frame. There is no limit to the number of pages that can be created. The pages are selected in the Page Selection Window. Right clicking on the desired page calls up the page in the Page Window. Tools are available for editing, annotating and inserting graphics such as company logos.

Analysis Calculator

Analysis / Layout View