

THE MEASURABLE DIFFERENCE.



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▼

OXYGEN TRAINING > RECORDER



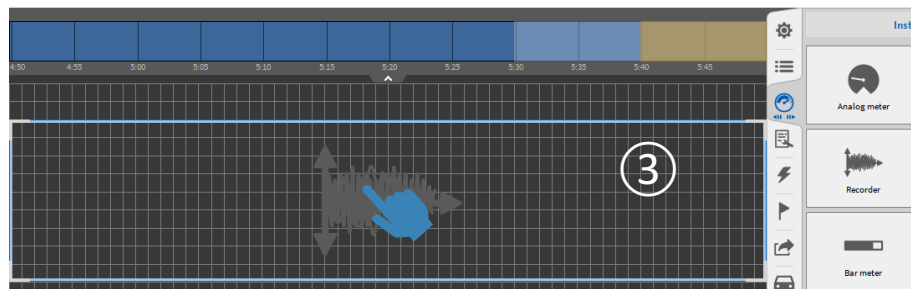
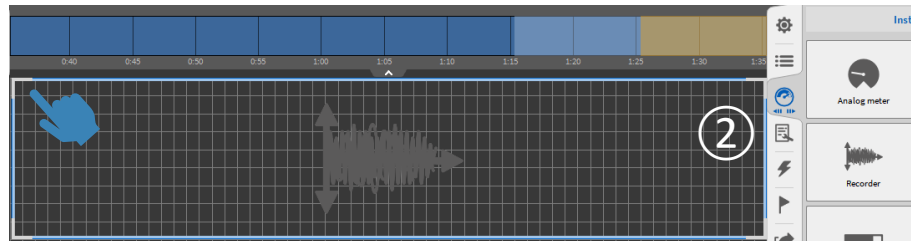
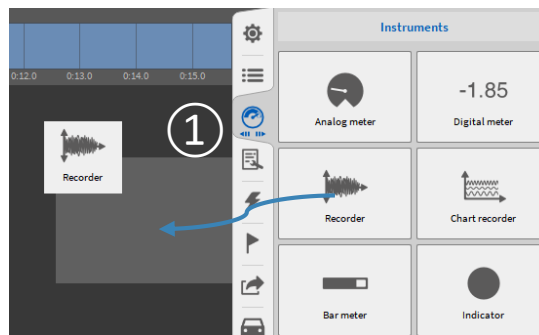


- > Placing a recorder on the screen
- > Channel assignment
- > Changing X-axis scaling
- > Changing Y-axis scaling
- > Sync'ing X-axes of several recorder
- > Cloning a recorder
- > Using A/B cursors
- > DejaView



PLACING A RECORDER ON THE SCREEN

- 1 Drag and drop a Recorder to the measurement screen
- 2 Adjust the size by grabbing the Recorder in one of the grey corners
- 3 Change the position by grabbing the Recorder somewhere except the grey corners



CHANNEL ASSIGNMENT

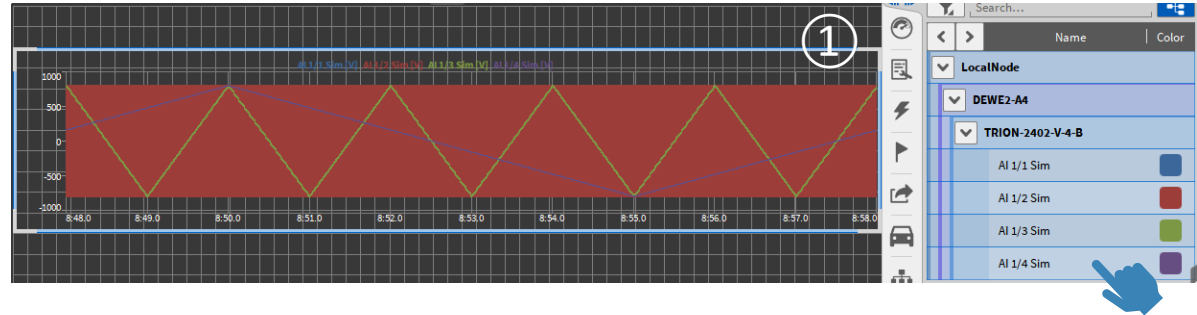


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① Go to the Channel List and select the Channels to be assigned from the List

Up to 8 channels can be assigned to one Recorder

Recorder must be selected here
(blue box around the Recorder)



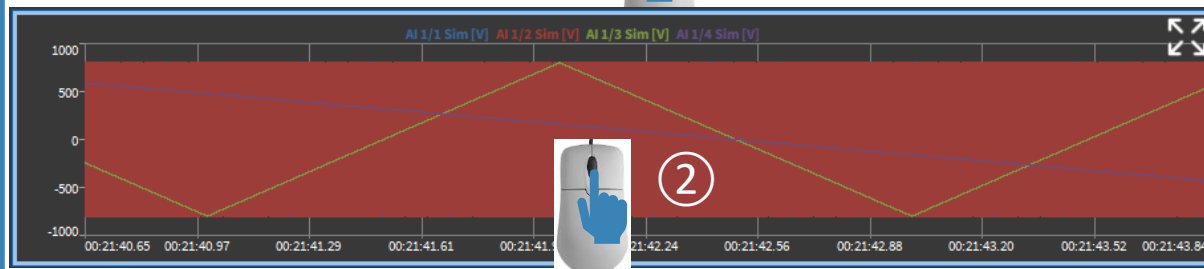
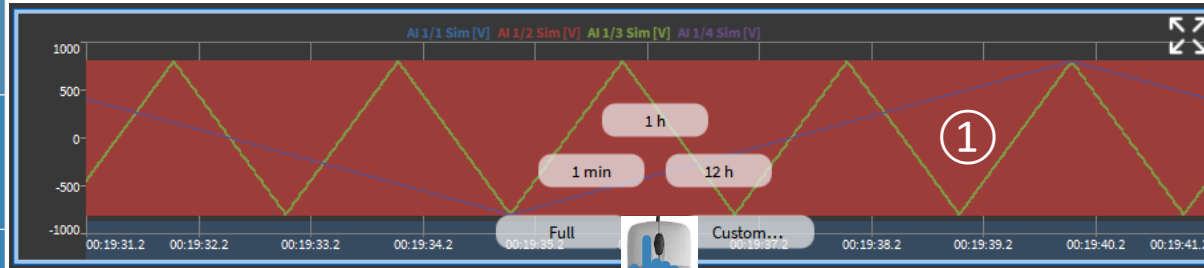


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CHANGING THE X-AXIS SCALING

- ① Press on the X-Axis for 2 seconds
- ② Move the mouse into the Recorder and use the scroll wheel
- ③ Time scaling can be changed between Absolute and Relative time in the Recorder properties



Recorder

TIME AXIS

Format: Auto

CURSOR

Auto

Absolute time

Relative time

Max RMS Frequ.

Min Integral C/D-

VALUE AXIS

Automatic scaling

Individual scaling

Min Max Color

Design Mode must be deactivated for these actions (no grey grid on the screen)



A click on the right mouse button will revert the applied zooming actions one by one




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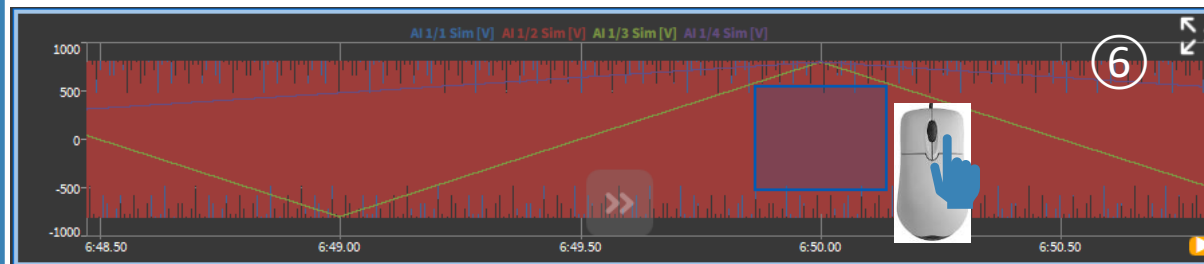
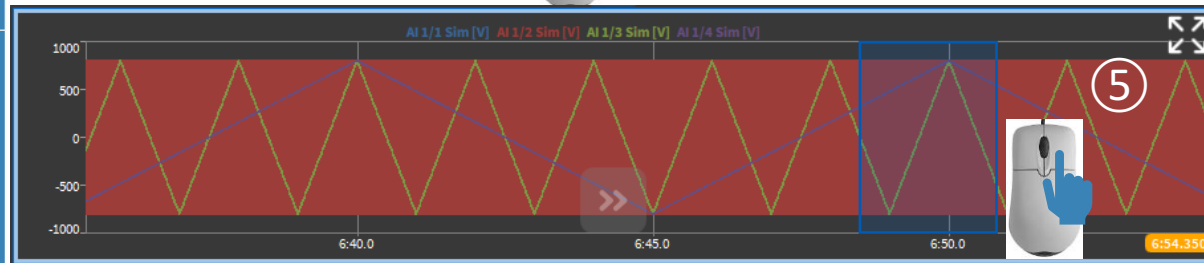
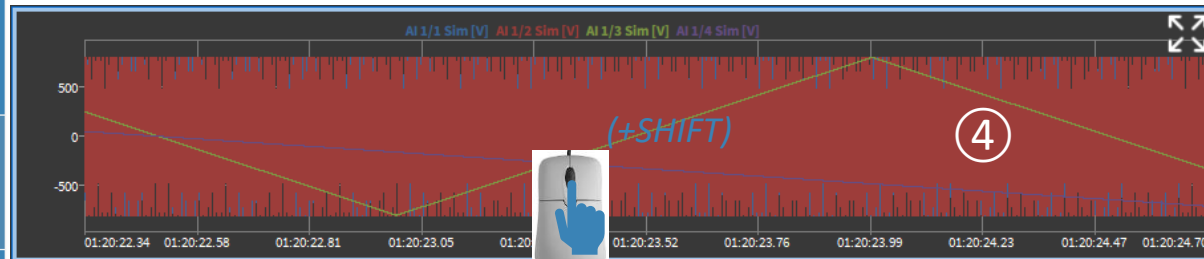
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CHANGING THE X-AXIS SCALING CONT'D

④ Scrolling the mouse wheel will zoom the X-axis
Pressing the *SHIFT* button will enlarge the zoom steps

⑤ In *Freeze* (see ) or *PLAY* mode, the time axis can be zoomed by pressing the right mouse button

⑥ A box zoom is available as well



Design Mode must be deactivated for these actions (no grey grid on the screen)



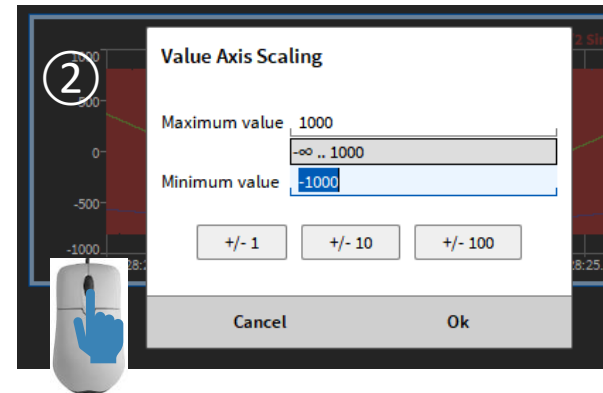
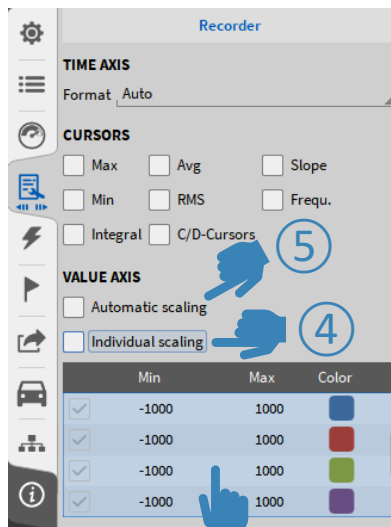
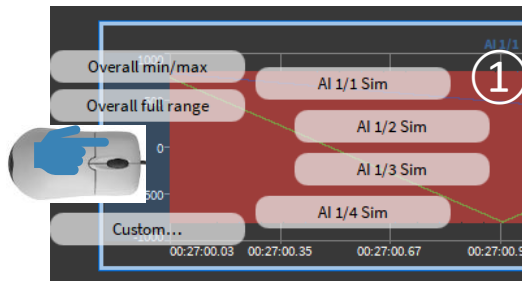


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CHANGING THE Y-AXIS SCALING

- 1 Press in the middle of the Y-axis for 2 seconds
- 2 Press on the minimum or maximum value on the Y-axis
- 3 Y-axis scaling can be edited for all Channels in the Recorder Properties
- 4 Y-axis scaling can be edited channel-wise in the Recorder Properties
- 5 Y-axis can be automatically scaled to actually displayed minimum/maximum in the Recorder properties



Design Mode must be deactivated for these actions (no grey grid on the screen)



A click on the right mouse button will revert the applied zooming actions one by one

3

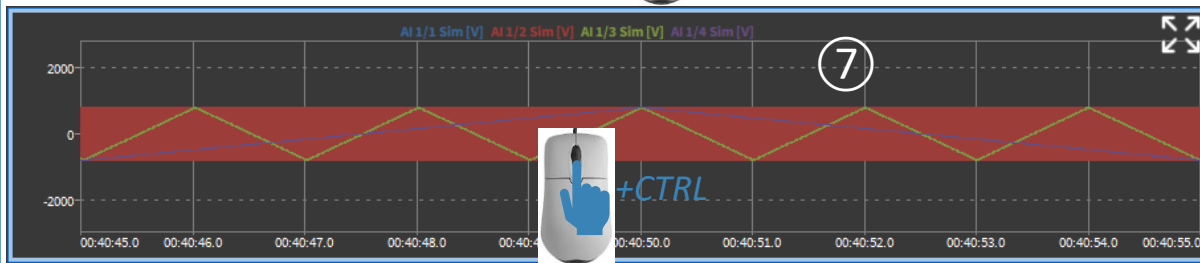
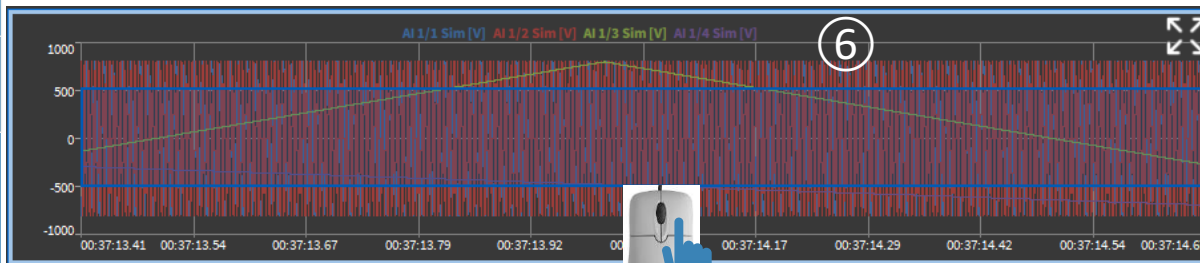


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CHANGING THE Y-AXIS SCALING CONT'D

- ⑥ Box zoom is available when pressing the right mouse button on the Recorder
- ⑦ Moving the mouse wheel while pressing CTRL will zoom the Y-axis in and out



Design Mode must be deactivated for these actions (no grey grid on the screen)



A click on the right mouse button will revert the applied zooming actions one by one

SYNC'ING THE X-AXES OF SEVERAL RECORDERS

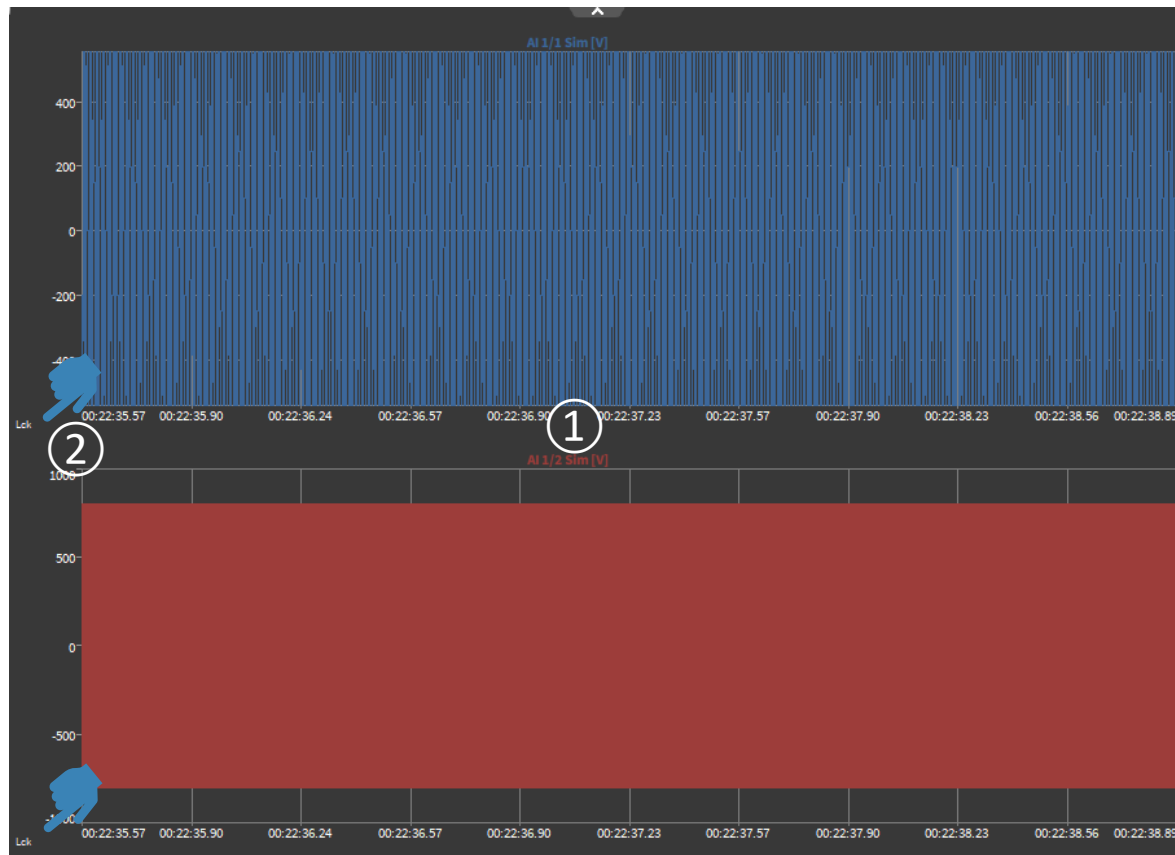


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- ① If Recorders are placed below each other, the X-axes will be locked and zooming actions will be applied to all Recorders
- ② Lck in the lower left corner of the Recorder will indicate that they are locked

*Design Mode must be deactivated for these actions
(no grey grid on the screen)*

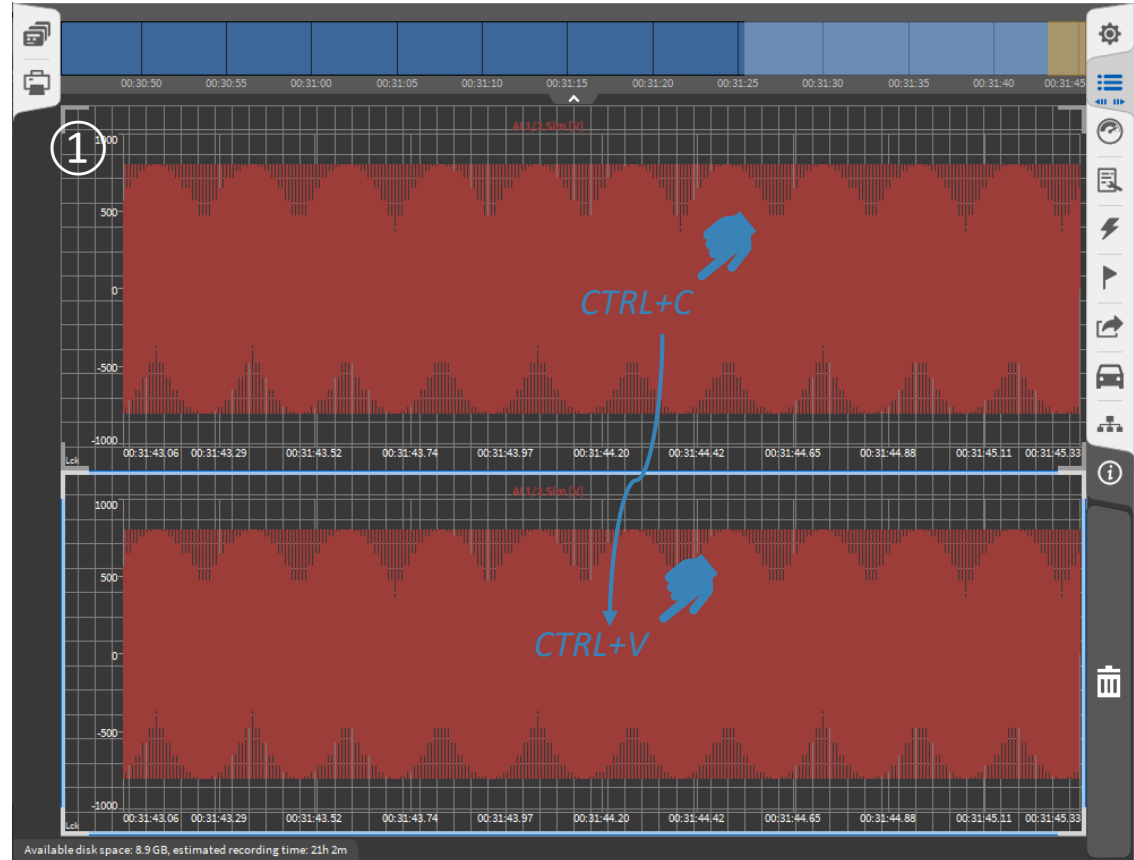


CLONING A RECORDERS



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- ① A Recorder can be cloned by *Copy-and-Paste*





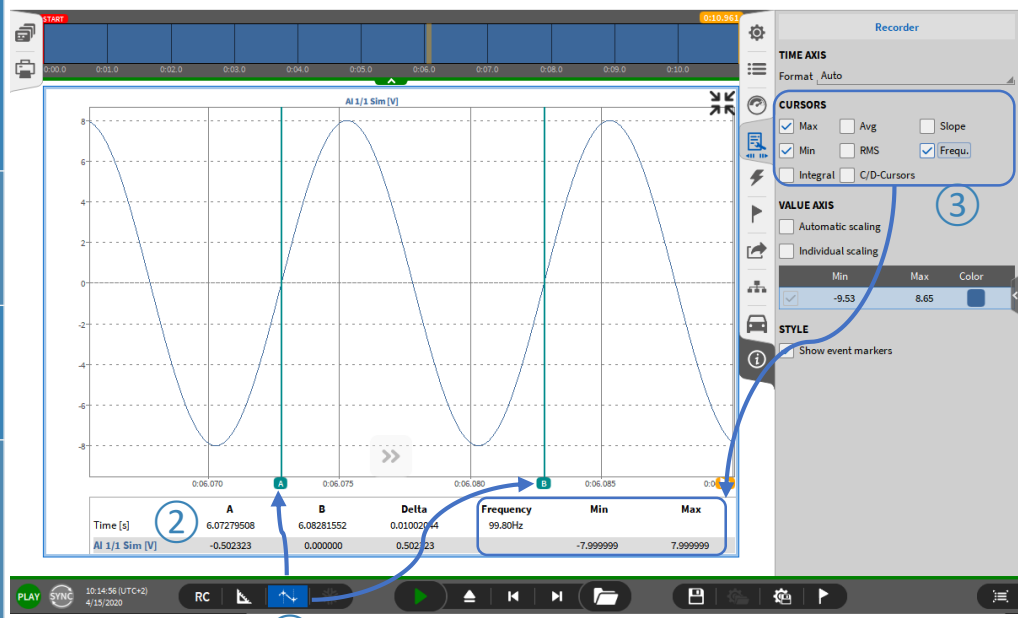
RECORDER & A/B CURSORS

① Activate the Cursors with the *Cursor* button
The A/B cursors can be moved with the mouse

② Actual position and signal value for all signals in the Recorder can be seen in the table below

③ Certain Statistics for the signal between both cursors can be selected in the Recorder Properties

④ A/B cursors can be renamed in the popup which opens with a click on the cursor name
Deactivating and activating cursors again keeps the individual name stored and cursors of several Recorders can be renamed individually



①

Remarks:

- Cursors are only applicable in Freeze and PLAY mode
- Cursors can be activated for Recorder, Chart Recorder and Scope



A Cursor Time

Relative time 0.. 0 h : 0 min : 6.073 s

Absolute time 10:14:51.195

6. Cursor name A

Cancel Ok

④



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DEJAVIEW – REVIEW DATA WHILE RECORDING

- 1 Select a Recorder and move the data to the left
- 2 Go back until data of interest is reached; The mouse wheel, box zoom with right click and adjustment of axes scaling can be used to zoom into the data
The orange box in the Overview bar marks the actual position in the data file
- 3 Enable A/B cursors for detailed data analysis; Cursor position can be changed with the mouse
- 4 Go to the Recorder properties (double click on the Recorder or open Properties menu on the right hand side) for measuring predefined values between both cursors
- 5 When finished press the >> button to jump back to the actual data

