Viewing MS12001 Data

JGR
optics
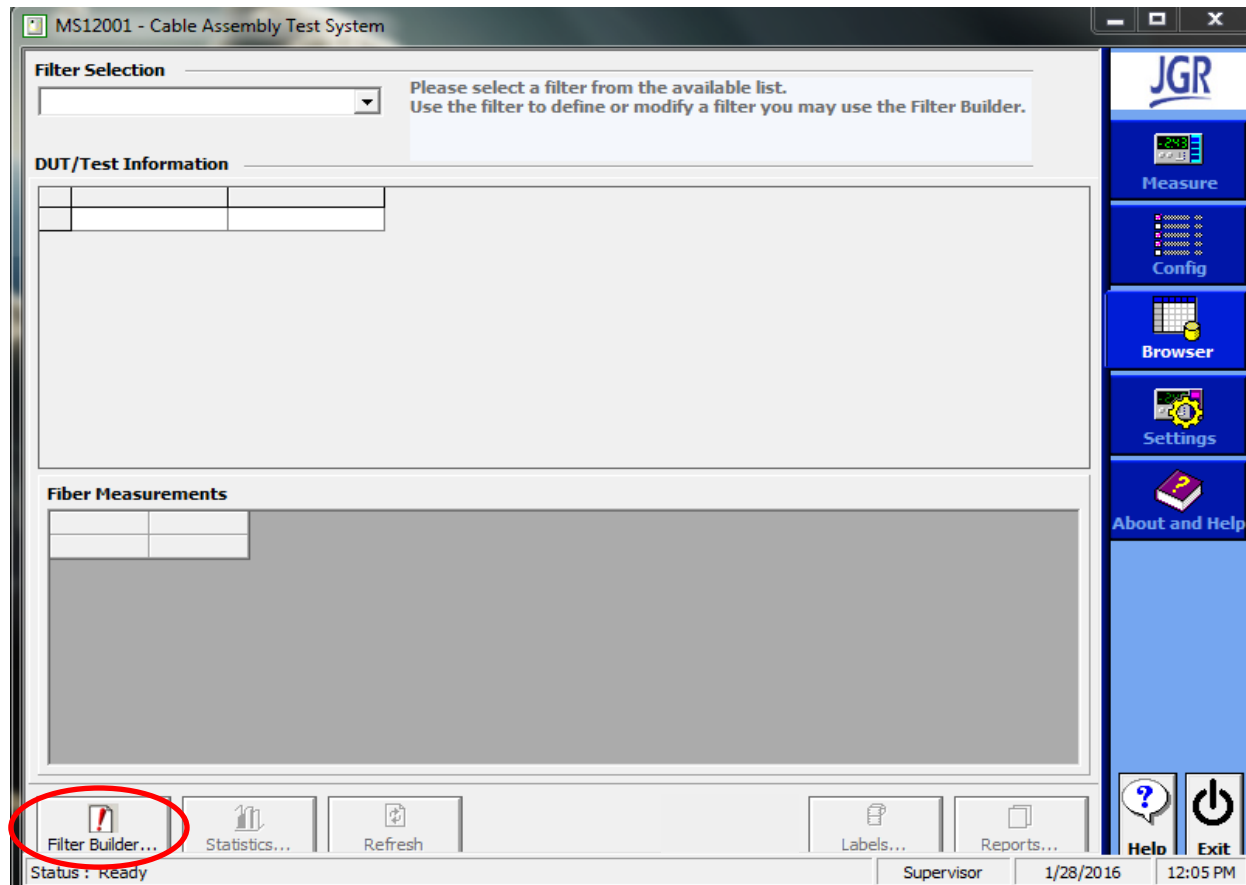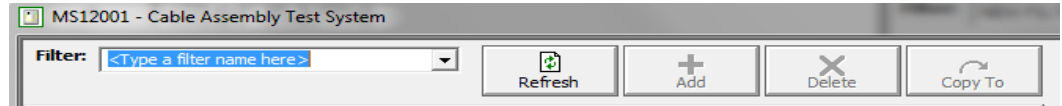
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How to create a filter in the 'Browser' tab:
- In Supervisor mode, go to the 'Browser' tab.
- You will see the screen below. We need to build filters in order to see any data.
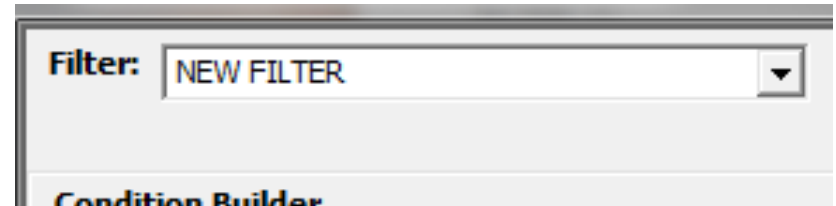- This is done by clicking on the 'Filter Builder'.

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- In the filter builder click 'Add' to start a new filter. Name you filter something useful.
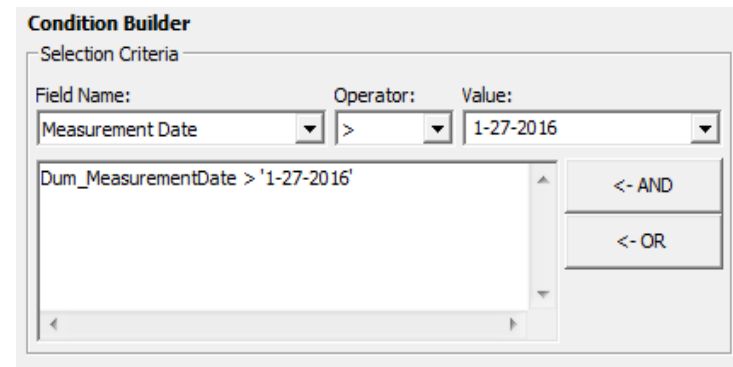

- We must then set up several items:
    - Filter name
    - Selection criteria
    - Fields you wish to display
    - How the data is to be sorted

- Now choose the data you want to display:
    - For this example assume todays date is 1–28–2016. I want to show *all* of the data from *today*.
    - Under 'Field Name' select 'Measurement date'
   - Under 'Operator' choose '>'

    - Under 'Value' we must put yesterdays date (1–27–2016 in this case) in the form **mm-dd-yyyy**
    - Click 'And' to add this criteria

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Under the 'Field Selection' you choose which fields are shown in addition to the IL/RL data for each measurement:
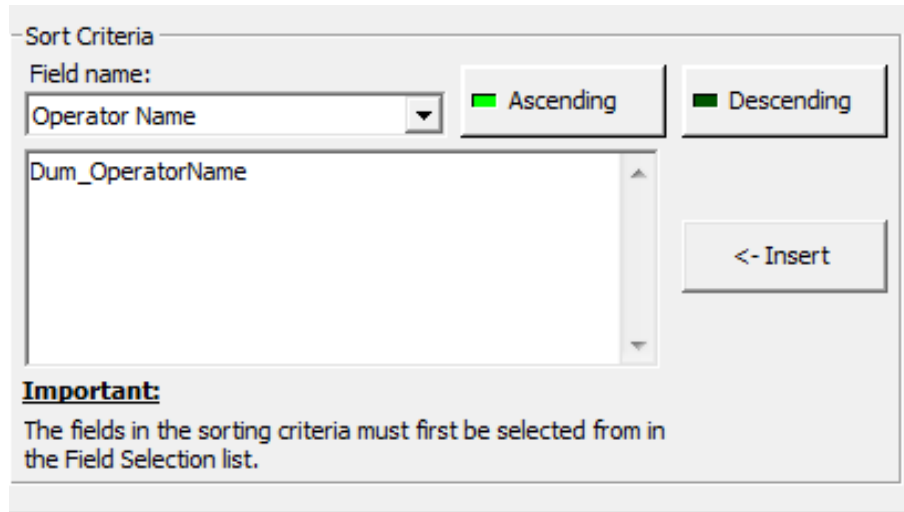
- Here I would like to show the *date the measurement* was taken, the *Serial Number*, the *test status* (Pass/fail/warning) and what *type of test* was performed.
- Note we have also select 'Operator Name' because we want to use this as our sorting criteria.
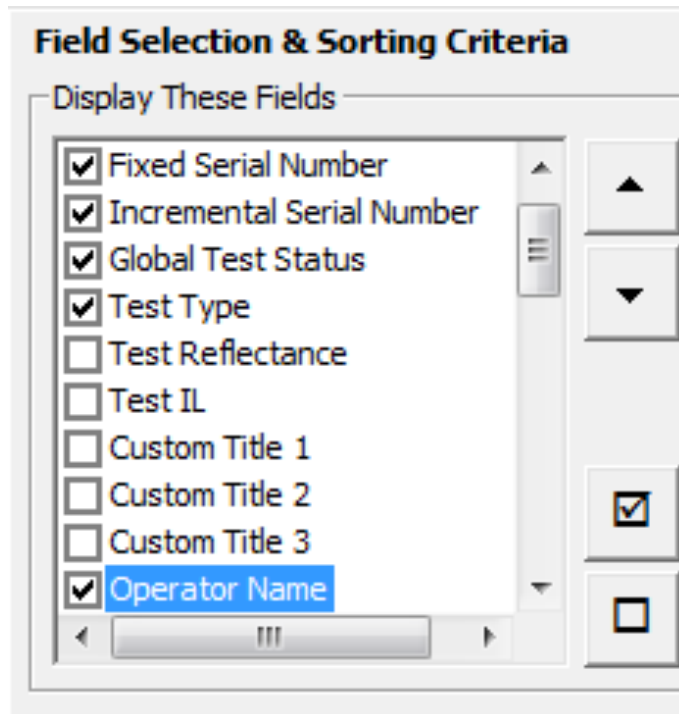
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Finally we must select a way of sorting the data. Here I would like to sort by the name of the operator. (*Note, this is why we selected 'Operator Name' in the Field Selection list.):*

- Select 'Operator Name' from the dropdown and click 'Insert'

- The filter is now complete. Click 'Apply' and answer 'Yes' to the question which appears.

- Click 'Close' to return to the Browser.

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- Select your filter from the 'Filter Selection' dropdown.

- Any data which meets the filter criteria will be displayed in the DUT/Test Information panel. Here one measurement was made *today (1-28-2016)*. Selecting this measurement will display the results in the 'Fiber Measurements' window.
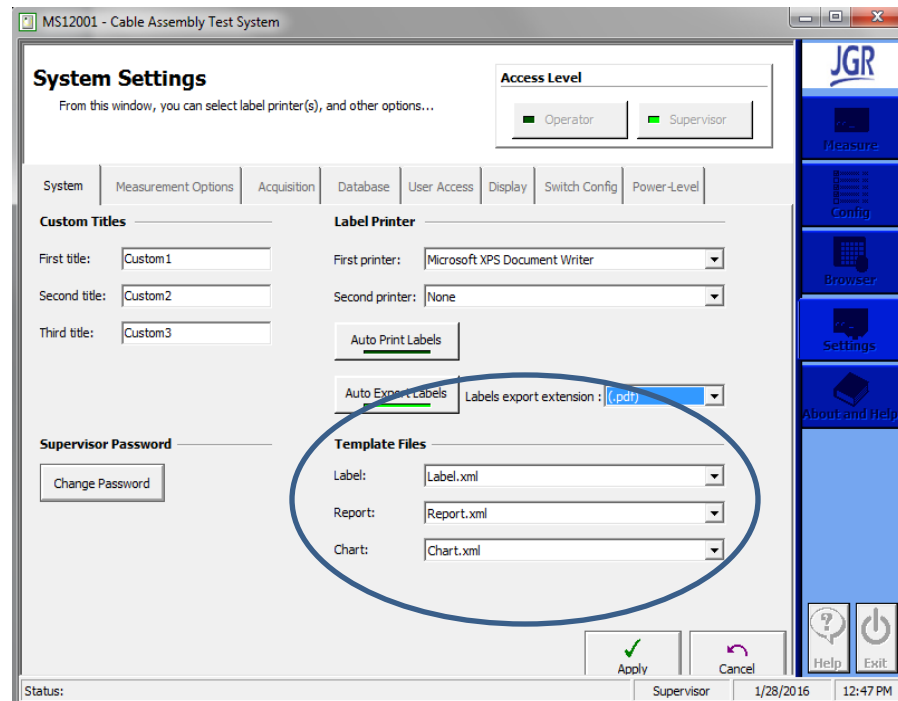
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This data may be exported as a Report, or individual data may be exported as a Label.

MS12001 comes with several pre-defined Label and Report templates.
- They can be selected from the 'Settings' -> 'System' tab.
- Under 'Template Files', any template which exists in the folder *C:\ProgramData\JGR\MS12001\Templates* can be selected.

- Here it is also possible to have Labels exported automatically.

- If this option is selected clicking 'Next DUT' when performing a measurement will save a .txt or .pdf label file to:
 *C:\Users\myUser\Documents*

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- The results shown in the filter may be exported as a report or label using the Templates selected in step 14.

- In the lower right of the screen click 'Reports'.
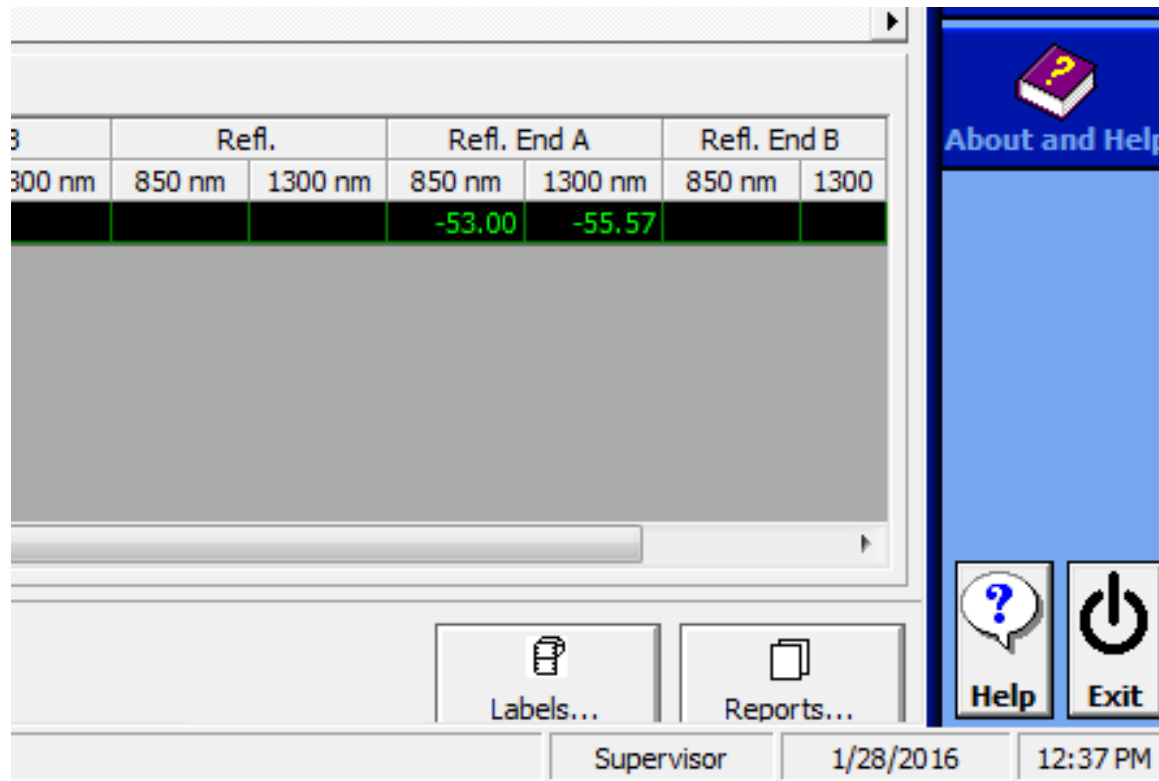
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- This will bring up the blank reports window. You may now select a specific report based on the template selected on the previous page. There are several pre-defined ones to choose from and these can be edited and configured as desired using a separate program (VSView) which is provided with the MS12001 software installation files. *(Please see the tutorial on 'Editing Report Templates' for further details.)*
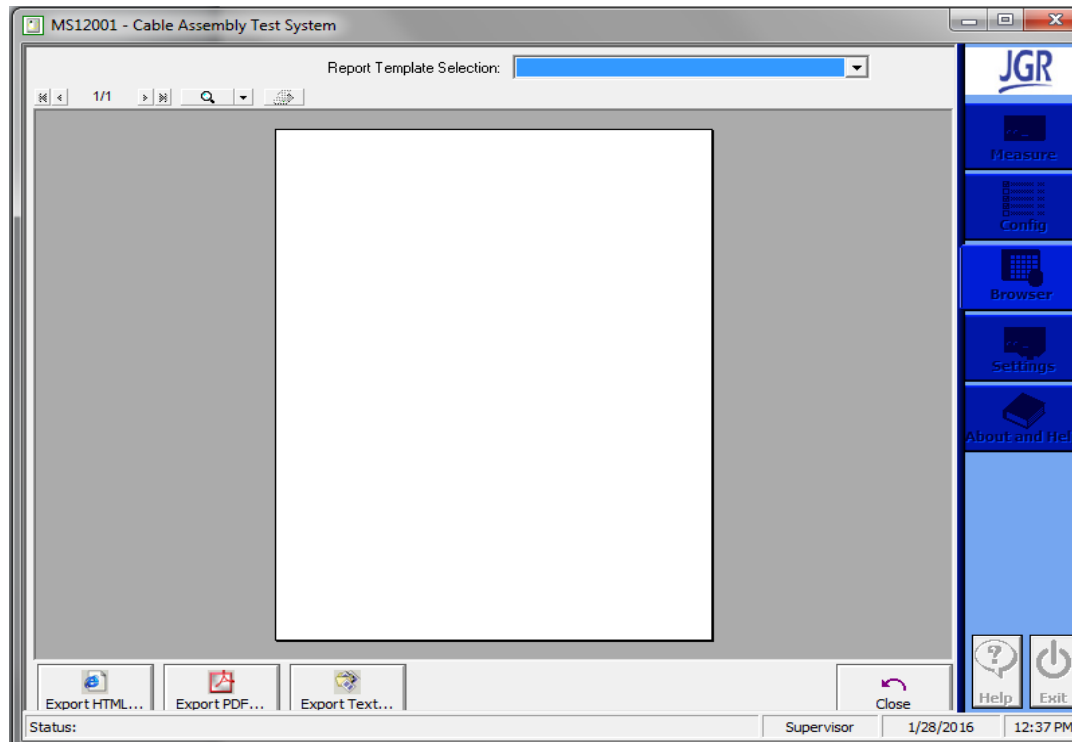
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- Selecting 'Tabular Report Standard' will put the data into a report as shown.

- This can now be saved as a .pdf or .txt file.

Viewing MS12001 Data (Advanced Filter Building)

- Once again go to the Browser window and open the 'Filter Builder'.
- Create a new filter by selecting 'Create a new query' from the dropdown and typing in an appropriate name.
- I want to build a filter which selects all results with a particular serial number. *Note the 'Fixed Serial Number' is exactly that, the part of the serial number in the 'Measurements' screen which is not automatically incremented.*

- Fill out the form as shown and then click 'And' to add the criteria.
- Lets say I *also* want to screen for only FAILED tests.
    Select 'Global Test Status' '=' and then 'Failed' under Value.
    Click 'And' so that both of these criteria must be satisfied.

Condition Builder

Selection Criteria

Field Name: Fixed Serial Number | Operator: = | Value: 12345

<- AND
<- OR

Condition Builder

Selection Criteria

Field Name: Global Test Status | Operator: = | Value: Failed

Dum_FixSerialNr = '12345'
And Dum_GlobalTestStatus = 3

<- AND
<- OR

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- Continue on and select all of the fields you wish to display including Measurement Date.

- Now we will sort the data by Measurement Date. Select 'Measurement Date' from the dropdown and click 'Insert'.

Finally click 'Apply', answer the questions and then click 'Close'.

- These filters will be available permanently unless you choose to delete or modify them.
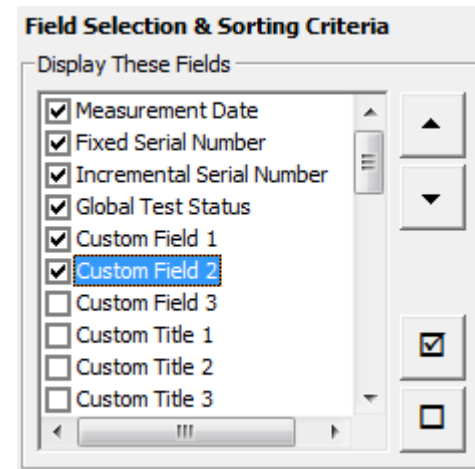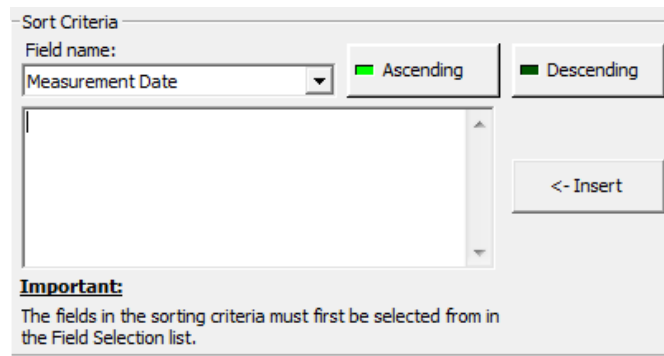
- To delete a filter simply select it in the 'Filter Builder' and press 'Delete'.