

## 1. Introduction

The ComGage test step function “Change to another test order” can be used during the execution of a test order to change to another test order.

The execution of this function is controlled by the test step programming in the test scheme.

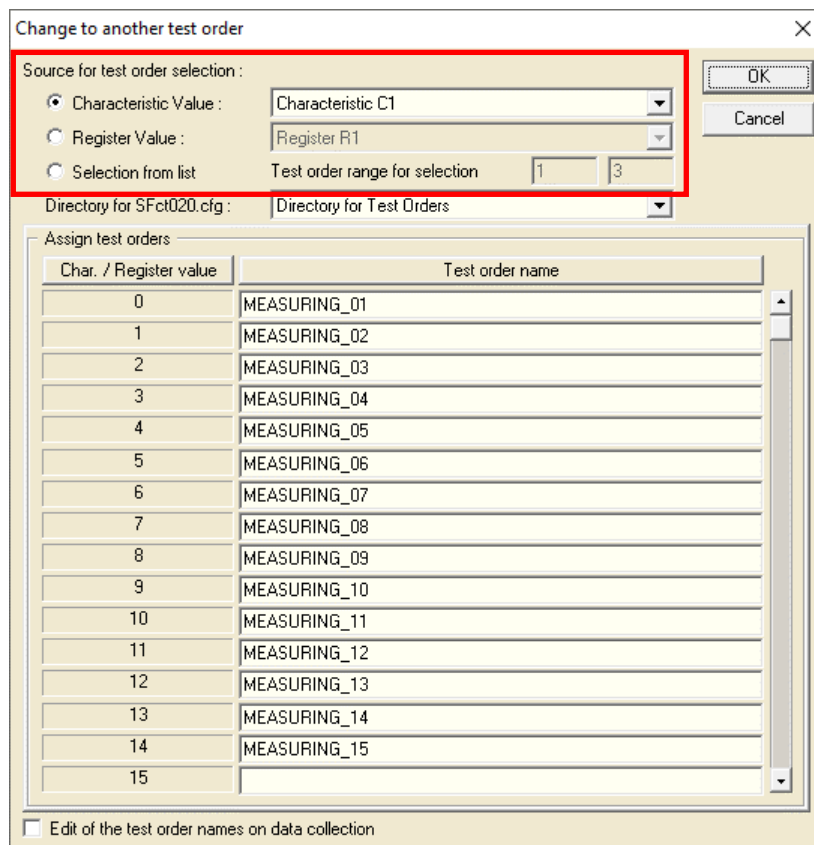
Since ComGage V4.38 you can select via the menu *Options* → *Workplace Settings*, if the original test order shall be closed after the execution of this function or if it shall remain in the list of started test orders.

Additional information about this can be found in the ComGage Professional manual in chapter “Options / Workplace Settings”.

**Note :** If the test orders between which shall be switched are already started in advance ( e.g. by using the *Automatic Start* ), the option “Keep previous test scheme / test order open on change” has to be activated in the *Workplace Settings*. Otherwise, this test step function cannot be used.

## 2. Configuration

### Source for test order selection



Char. / Register value	Test order name
0	MEASURING_01
1	MEASURING_02
2	MEASURING_03
3	MEASURING_04
4	MEASURING_05
5	MEASURING_06
6	MEASURING_07
7	MEASURING_08
8	MEASURING_09
9	MEASURING_10
10	MEASURING_11
11	MEASURING_12
12	MEASURING_13
13	MEASURING_14
14	MEASURING_15
15	

Here is configured, how to select the test order that shall be started.

The following options are available :

→ “Characteristic Value” : The value of the selected characteristic ( in this case C1 ) is evaluated and then the related test order is started.

Example : C1 = 5 → MEASURING\_06 is started

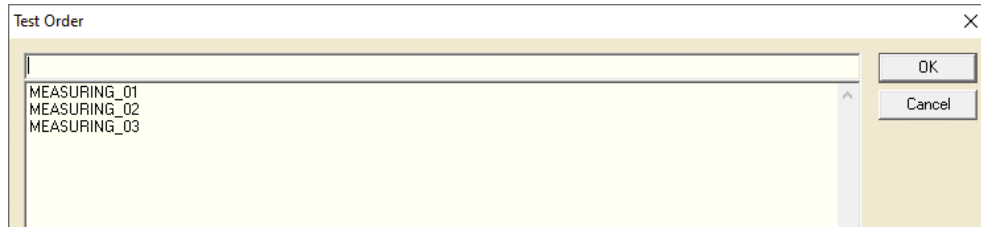
→ “Register Value” : The value of the selected register ( in this case R1 ) is evaluated and then the related test order is started.

Example : R1 = 5 → MEASURING\_06 is started

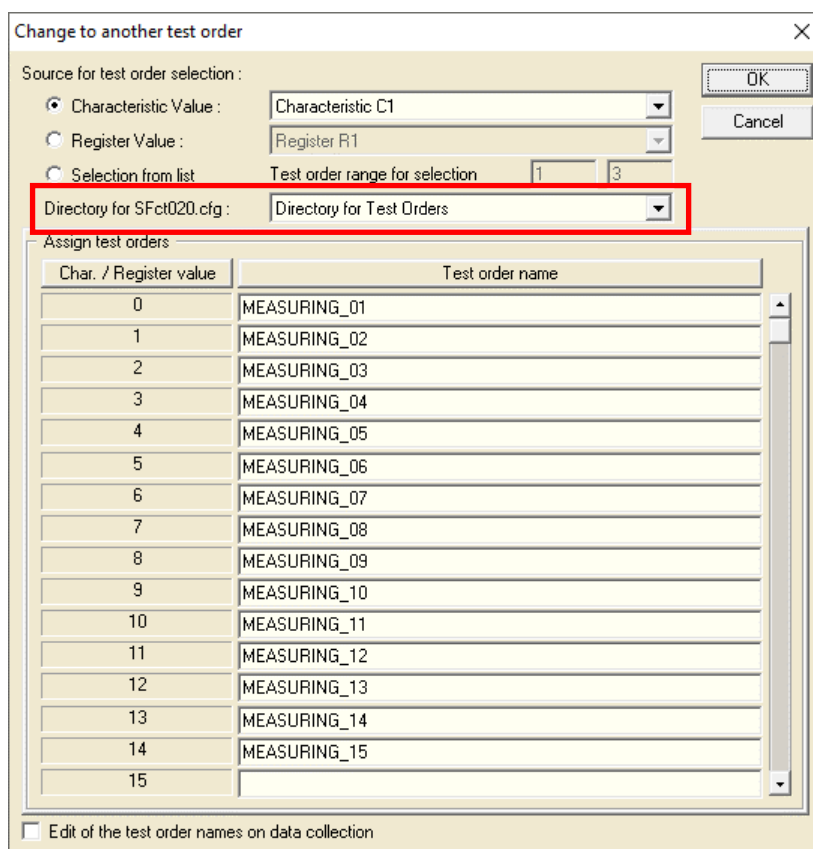
# ComGage – Test step function SFct020 „Change to another test order”



- “Selection from list” : The execution of the function opens a dialogue with a list from which the test order that shall be started can be selected.  
Additionally, the range of the table can be specified, that shall be available for the selection ( in case the entries no. 1 to 3 ) :



## Directory for SFct020.cfg



Via the dropdown box ( see red frame ) can be selected in which data directory ( ComGage menu “Options” → “Data Directories” ) the SFct020.cfg shall be stored.

- The following options are available :
- Directory for Test Schemes
  - Directory for Test Orders
  - Directory for converted Measuring data
  - Directory for Pictures
  - Directory for Reference Information and User Setup

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## Assign test orders

Change to another test order

Source for test order selection :

☒ Characteristic Value : Characteristic C1

☐ Register Value : Register R1

☐ Selection from list : Test order range for selection 1 3

Directory for SFct020.cfg : Directory for Test Orders

Assign test orders

Char. / Register value	Test order name
0	MEASURING_01
1	MEASURING_02
2	MEASURING_03
3	MEASURING_04
4	MEASURING_05
5	MEASURING_06
6	MEASURING_07
7	MEASURING_08
8	MEASURING_09
9	MEASURING_10
10	MEASURING_11
11	MEASURING_12
12	MEASURING_13
13	MEASURING_14
14	MEASURING_15
15	

☐ Edit of the test order names on data collection

In this section of the dialogue, the test orders are assigned to characteristic / register values. Please make sure that the entered names of the test orders are correct. The list is not checked by ComGage. An error will only be noticed ( an error message is displayed ) when the function is executed and a test order has been selected, which does not exist with the entered name. Upper and lower case do not have to be considered. Up to 200 test orders can be entered in the list ( Char. / Register value 0 to 199 ).

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Edit of the test order names on data collection

If this option is activated, the list of test orders can be changed when this test step function is called in the current test order.

For this, a special combination of function keys could be used :

To use this option, the test step function has to be added to a test step a second time.  
The editing of the test order names on data collection cannot be combined with changing to another test order in the same test step function.

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When the test step function is executed with this option, the following dialogue is displayed :

Change to another test order

Source for test order selection :

☒ Characteristic Value : Characteristic C1

☐ Register Value : Register R1

☐ Selection from list Test order range for selection 1 3

Directory for SFct020.cfg : Directory for Test Orders

Assign test orders

Char. / Register value	Test order name
0	MEASURING_01
1	MEASURING_02
2	MEASURING_03
3	MEASURING_04
4	MEASURING_05
5	MEASURING_06
6	MEASURING_07
7	MEASURING_08
8	MEASURING_09
9	MEASURING_10
10	MEASURING_11
11	MEASURING_12
12	MEASURING_13
13	MEASURING_14
14	MEASURING_15
15	

☐ Edit of the test order names on data collection

Please keep in mind that only the list of test orders can be changed here.  
Additional changes to the settings ( e.g. to the “Source for test order selection” ) are not saved  
and the original settings remain valid.