Connecting Vector to LabTest (Galdabini)

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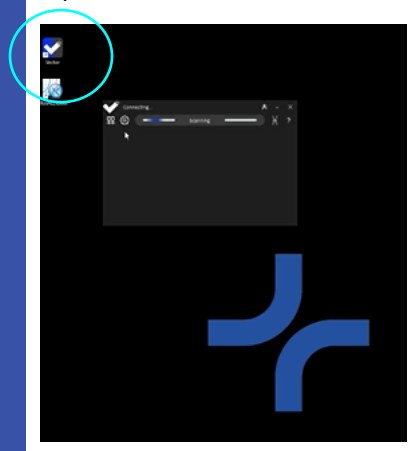
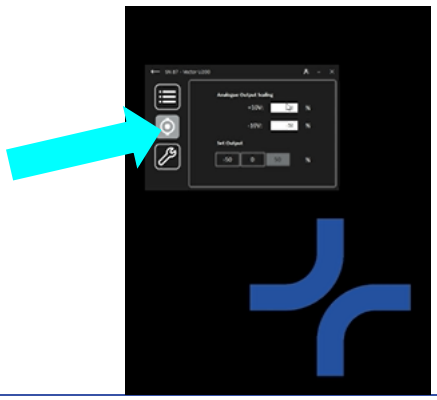
Step one – Install Vector to the UTM

1.1	Mount the Vector Hardware onto the UTM. Connect the power supply and data cables and Power on the Vector.

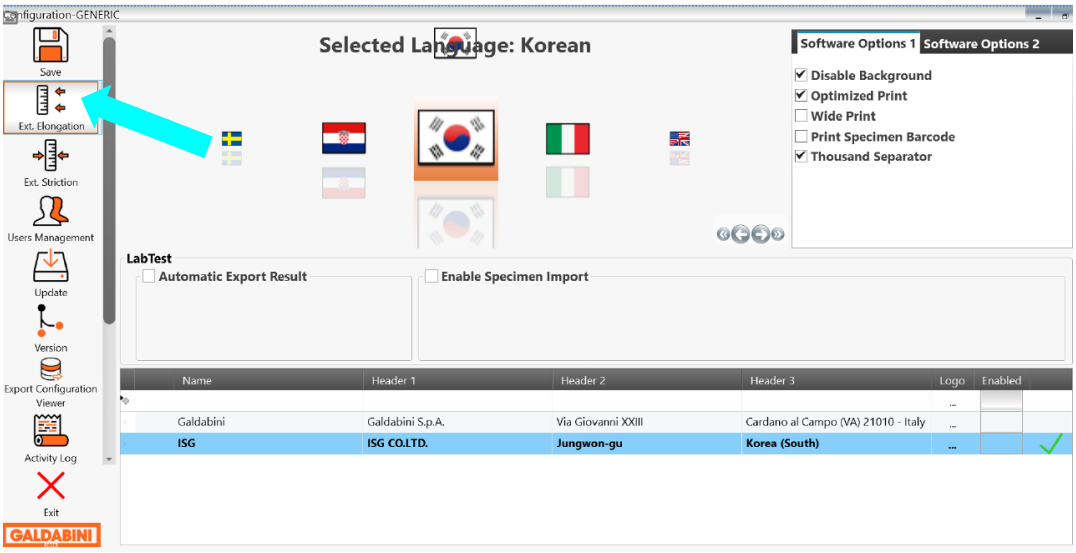
Step two – Connect Vector to Interface

2.1	Open the Vector Interface and connect to the appropriate Vector. 
2.2	Then open the setting menu and navigate to analogue output control window.
2.3	By using the BNC icon, set the minimum and maximum strain values according to the expected strain. 

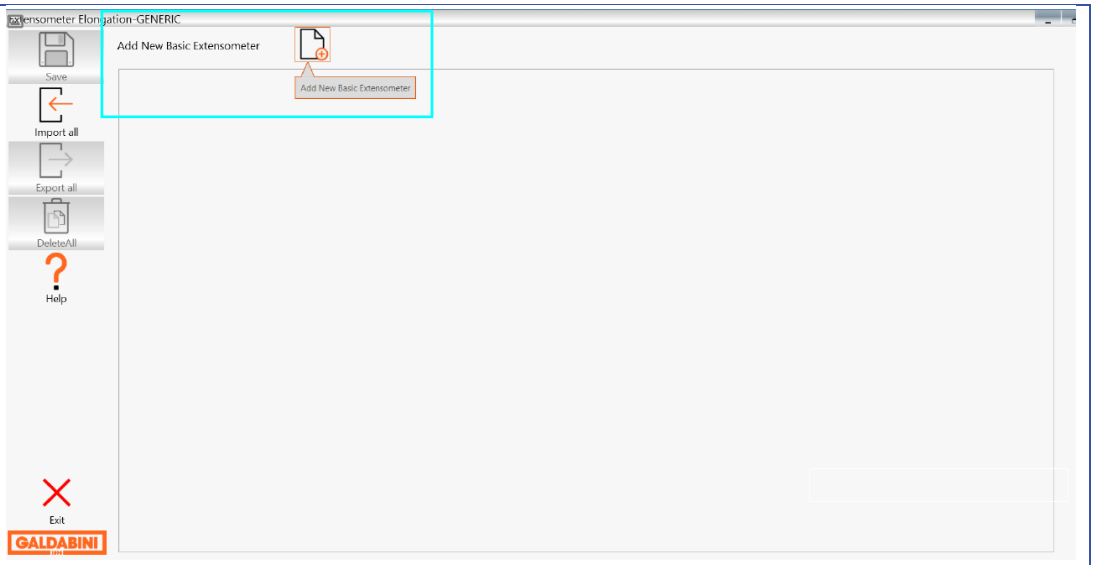
Step three – Add Vector to LabTest

3.1 Open LabTest software and navigate to configuration

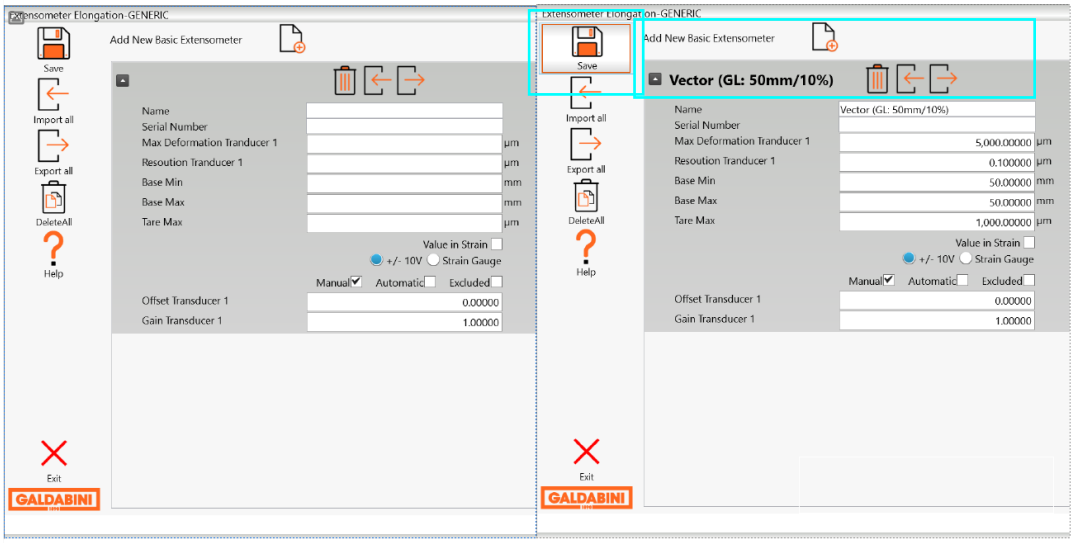
3.2 Select Ext. Elongation.



3.3 Add New Basic Extensometer

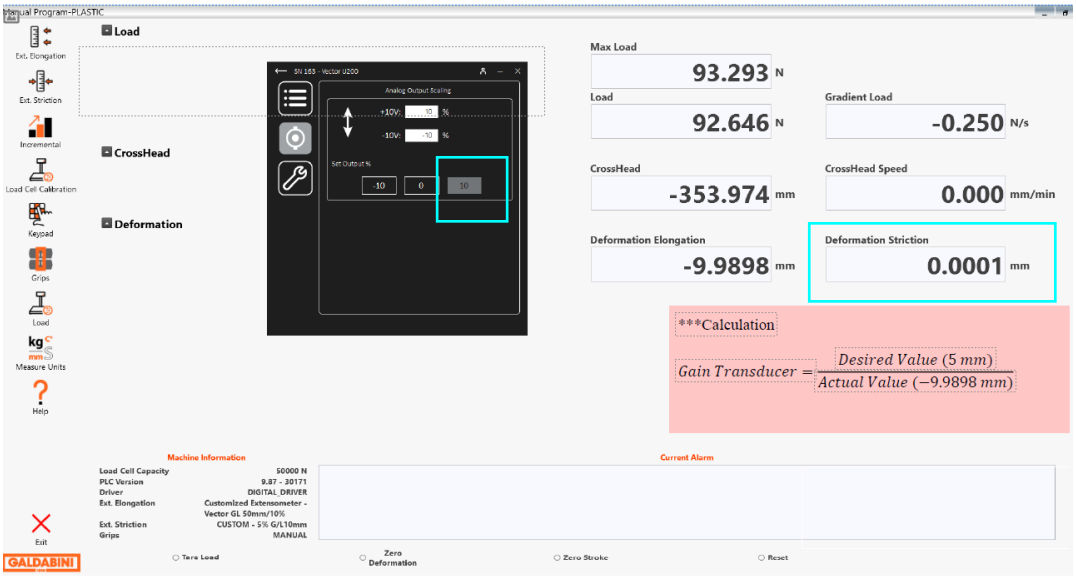


3.4 Fill out the parameters, ensuring to keep values the same as entered in the Vector Interface, select save.



3.5 Navigate back to the Main window, then to the Manual window

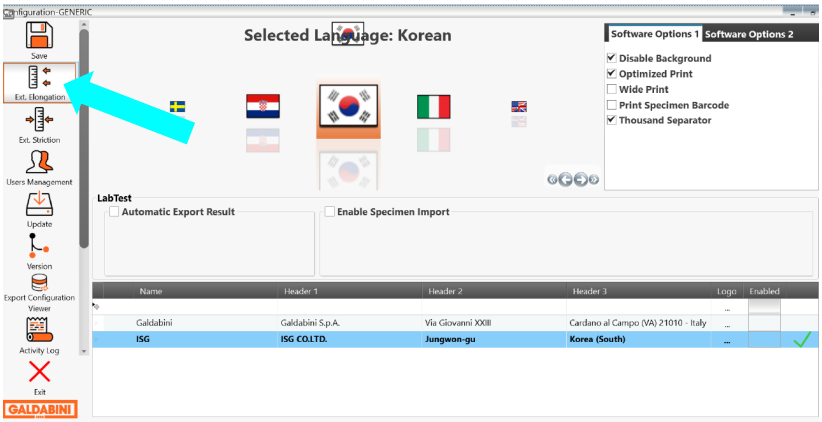
3.6 Check the output of Vector in LabTest, then perform calculation to match the output

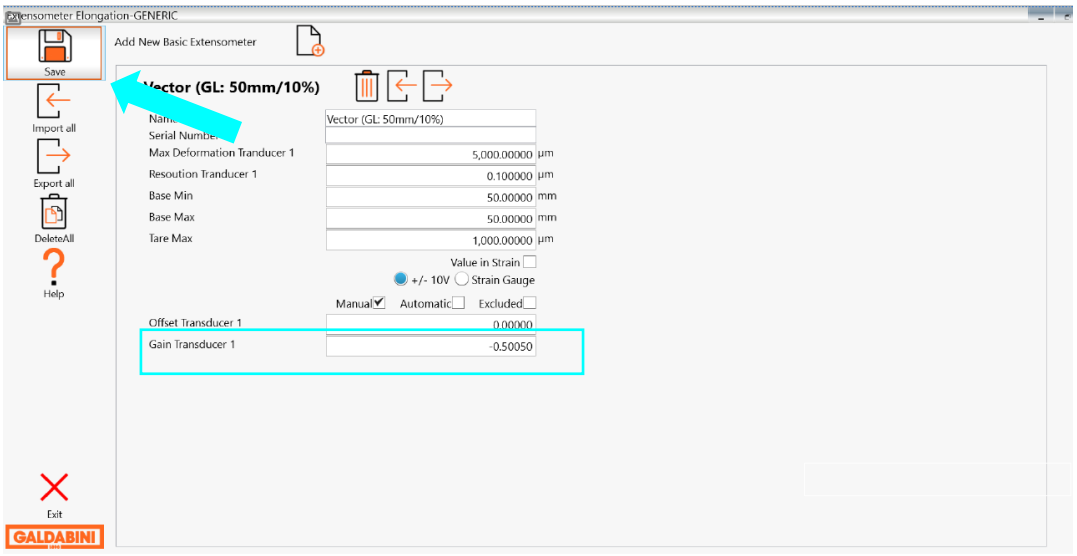
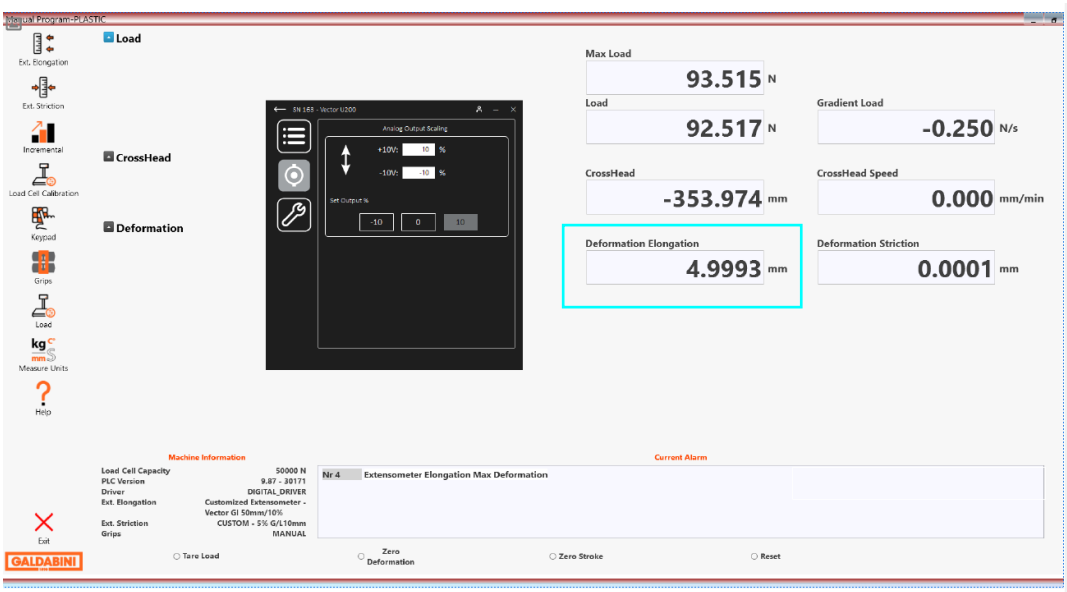


3.7 Once calculated, close the Manual window.

3.8 Return to the main window of the software, then navigate to configuration.

From the configuration page, click the Ext. Elongation, here you will see the previously saved Vector Extensometer.



3.7	Then, modify with calculated value. 
3.8	Check that the output of Vector matches what has been entered. 

Step four – Vector is now ready to use