

MATERIAL PLUS

A PACE TECHNOLOGIES PRODUCT

This module is specific for Calibration



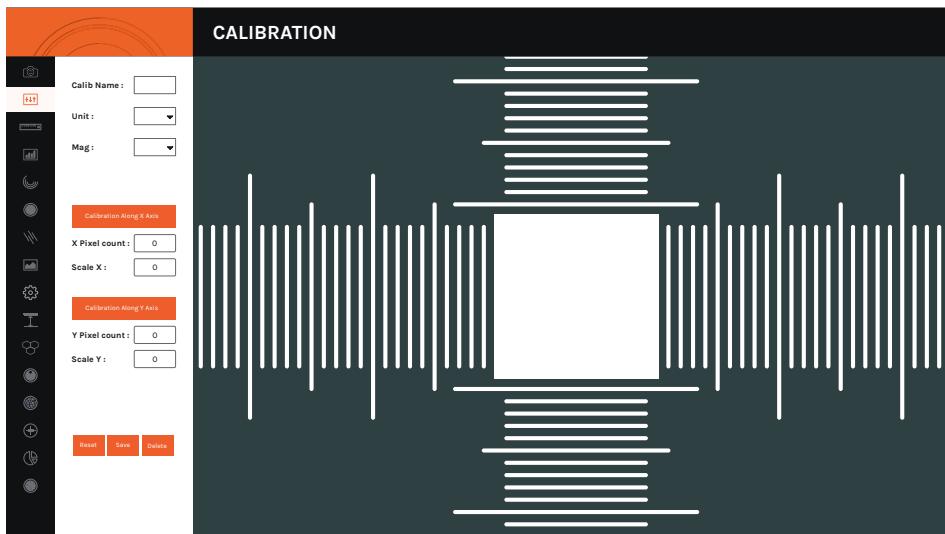
CALIBRATION

ABOUT THE CALIBRATION

Calibration should be performed on all the objectives of the microscope, where Digital Camera is installed. Calibration should be performed only when all hardwares are finally fixed. Incase of readjustments or replacement of any par calibration should be done again.

1st Step

Fig-14



This is the view of calibration module.

2nd Step

Provide a name to your calibration. It may 100X for 100X objective.

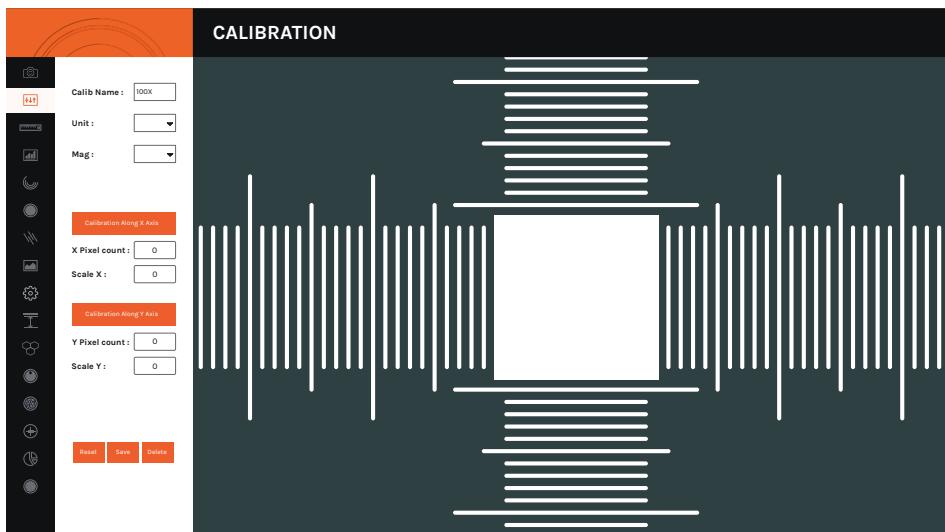
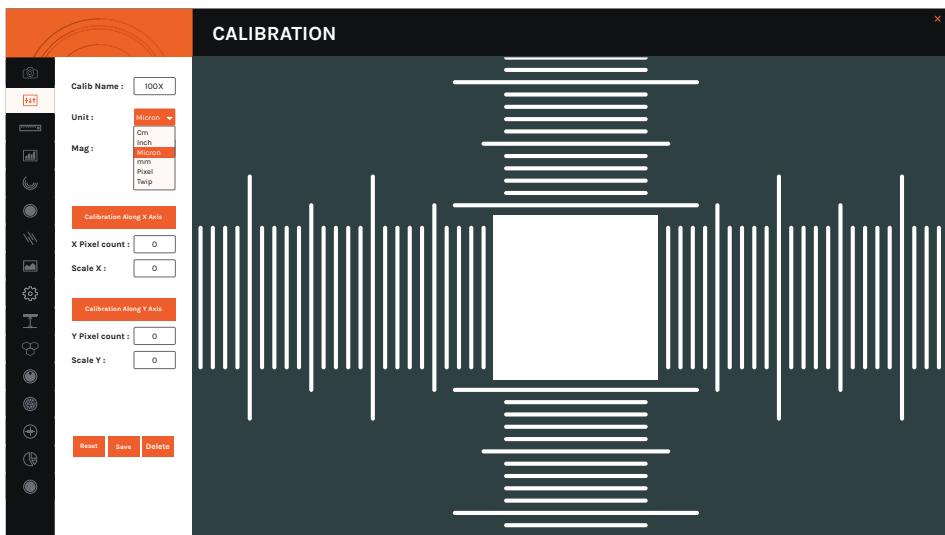


Fig-15

3rd Step

Fig-16



Choose a measurement unit. Usually all measurement are done in micron

4th Step

Choose a magnification. Usually all magnification are done in 100X in Foundries

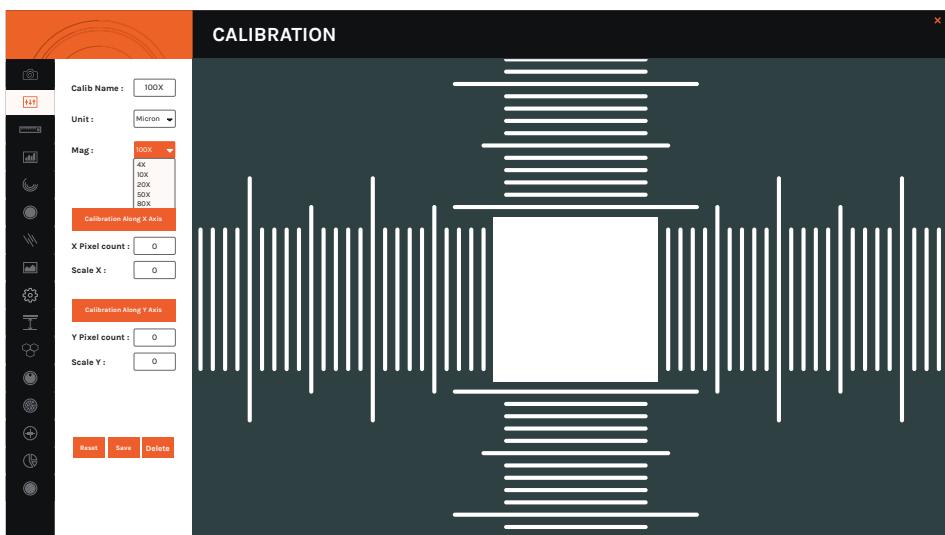
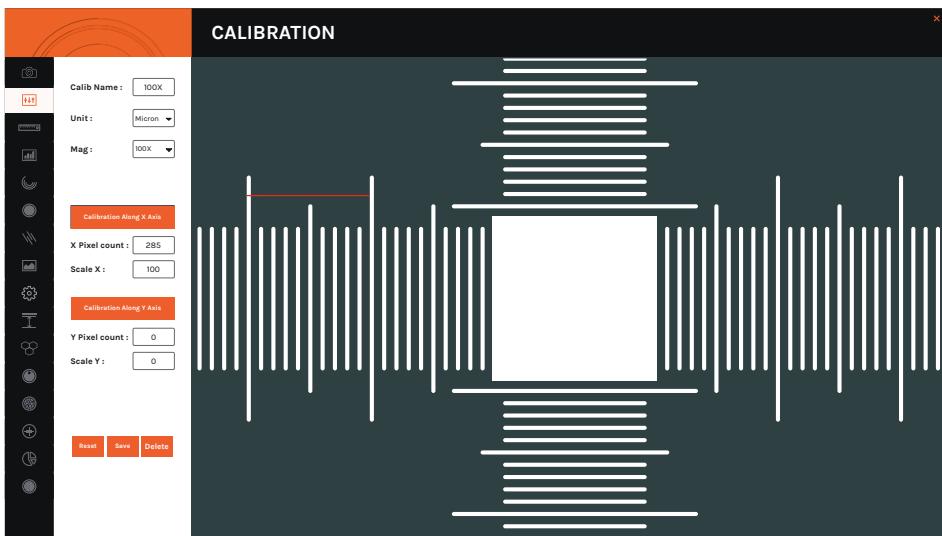


Fig-17

5th Step

Fig-18

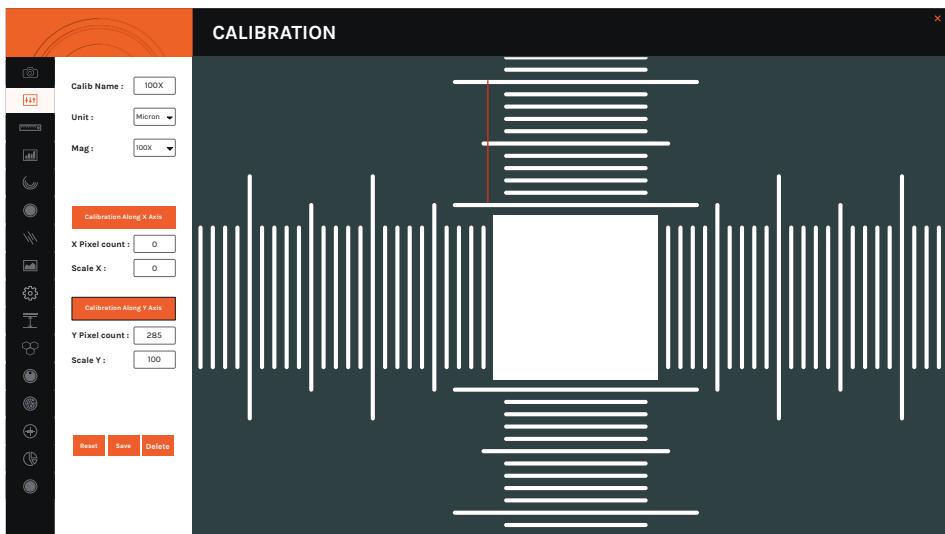


Click on **Calibration Along X Axis**

Move a clicked right button of a mouse from the left part of any line till the last big line of the image. Usually the distance between two small lines is 10 Microns. If you move a mouse between two big lines the distance will represent 100 Microns. It is better to choose maximum lines to get better accuracy. The mouse should be released on the left side of the last bigline, not on its right side and after this value in the combo box available in front of Scale X.

6th Step

Fig-19

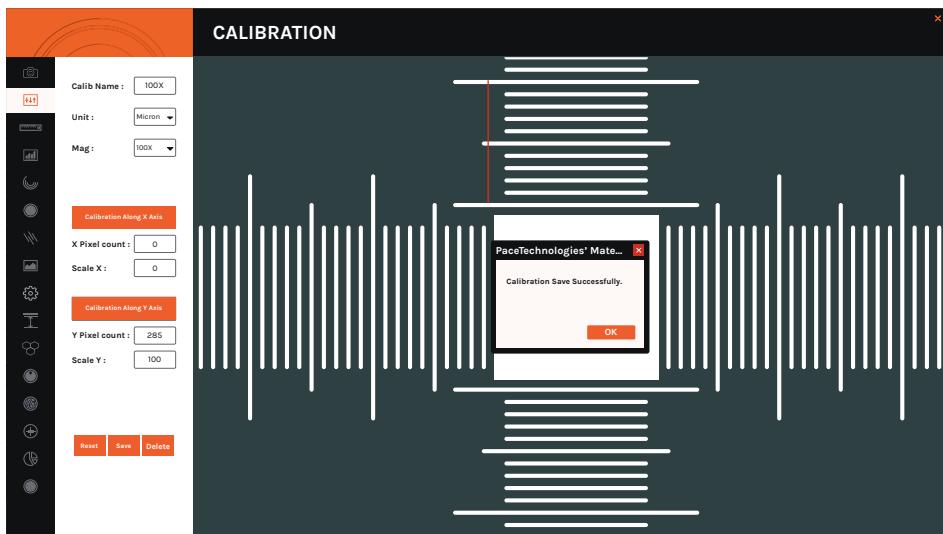


Click on **Calibration Along Y Axis**

Move a clicked right button of a mouse from the top part of any line till the last big line of the image. Usually the distance between two small lines is 10 Microns. If you move a mouse between two big lines the distance will represent 100 Microns. It is better to choose maximum lines to get better accuracy. The mouse should be released on the top side of the last big line, not on its top side and after this value in the combo box available in front of Scale Y.

7th Step

Fig-20



Click on **SAVE** This is the calibration of the first object 100X

8th Step

You may delete any old calibration it require so.

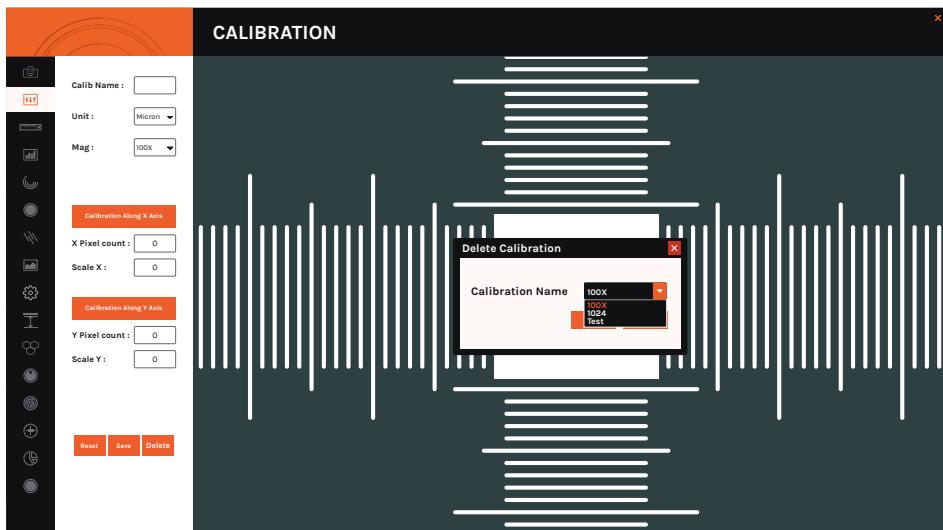


Fig-21