

MATERIAL PLUS

A PACE TECHNOLOGIES PRODUCT

This module is specific for
Grain Measurement



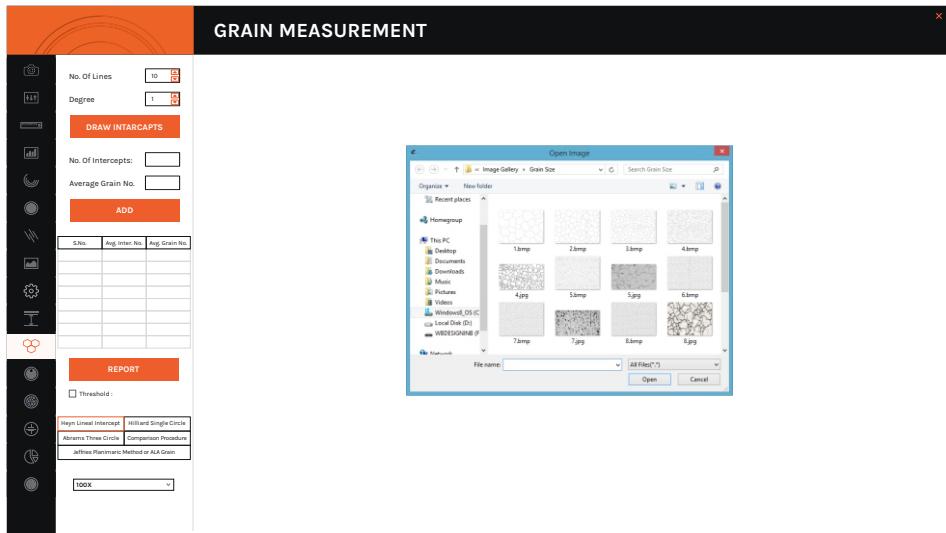
GRAIN MEASUREMENT

ABOUT THE GRAIN MEASUREMENT

This method is suitable for poorly etched samples which do not have defined boundaries and are unsuitable for Automatic Line Interception Method.

1st Step

Fig-47



Load the image to be analyzed.

2nd Step

Select the appropriate saved calibration to perform analysis in the image.

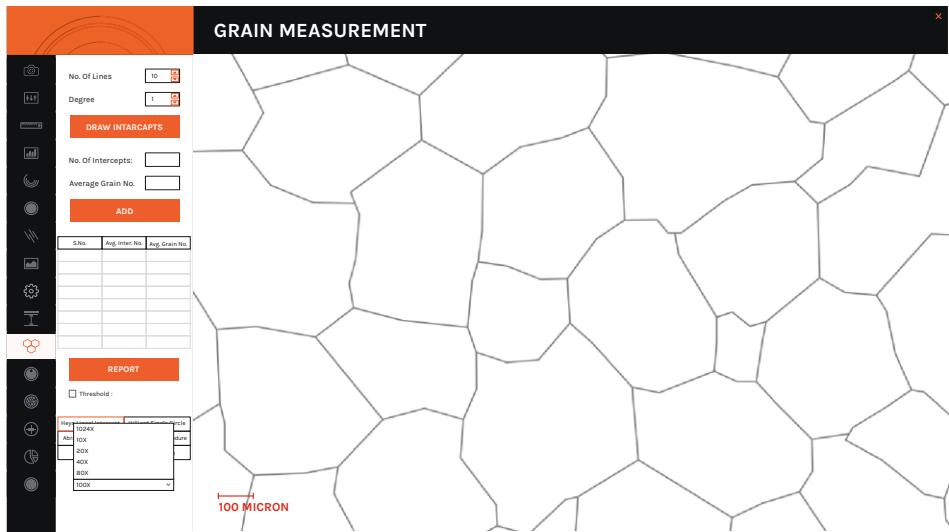
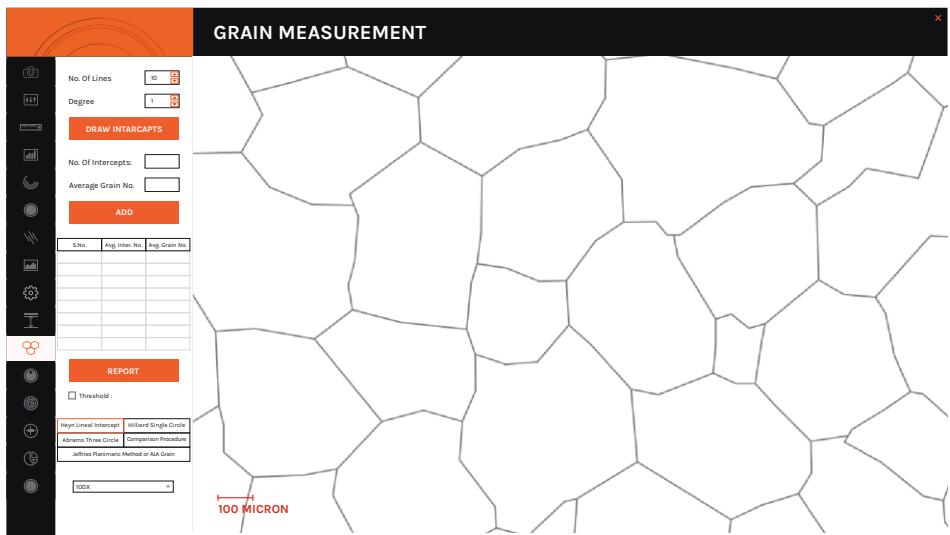


Fig-48

3rd Step

Fig-49



Choose Heyn Lineal Intercept method.

4th Step

Click on threshold.

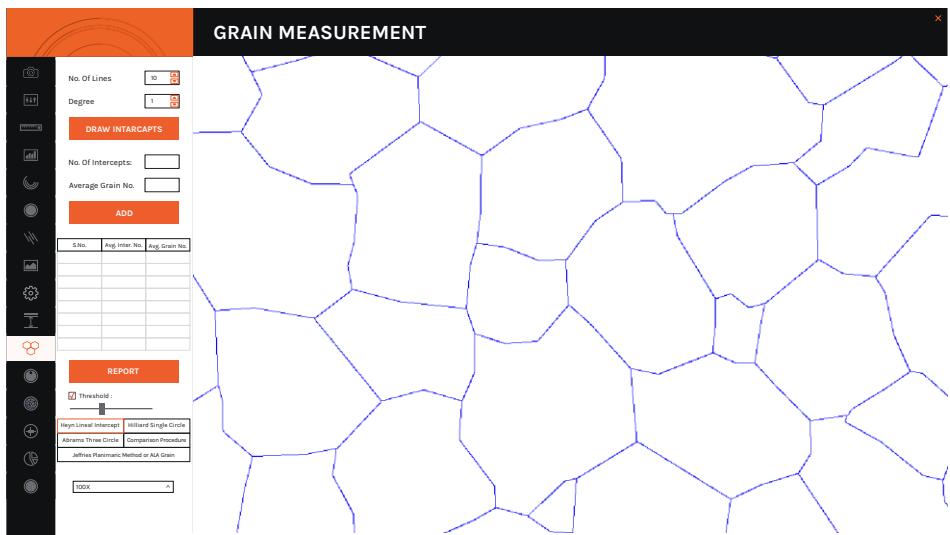
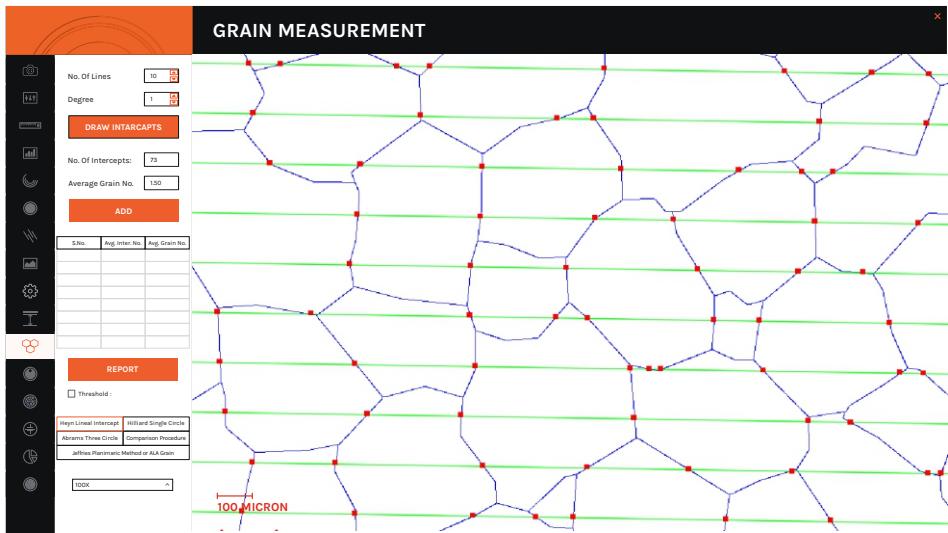


Fig-50

5th Step

Fig-51



Press **DRAW INTARCAPTS** button. Average grain number will be calculated.

6th Step

Click on **ADD** button to transfer results in the grid.

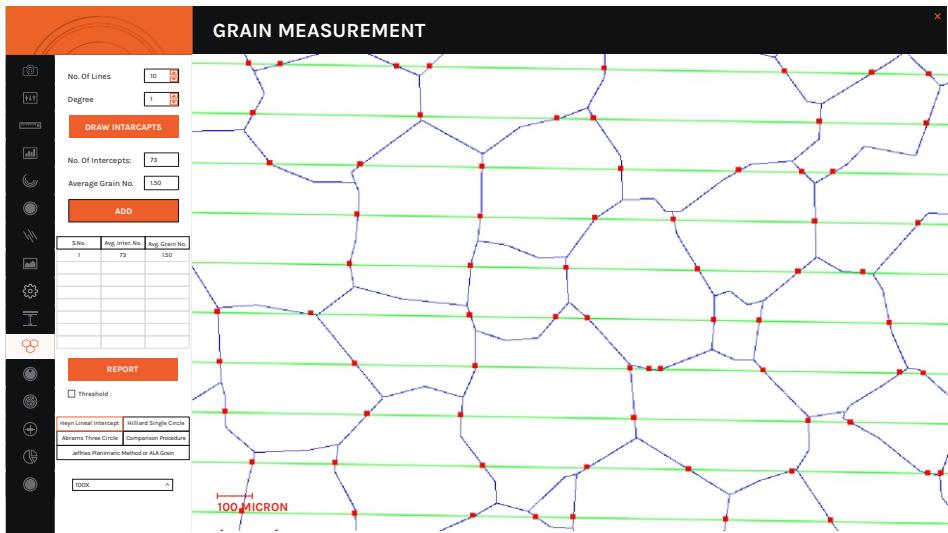
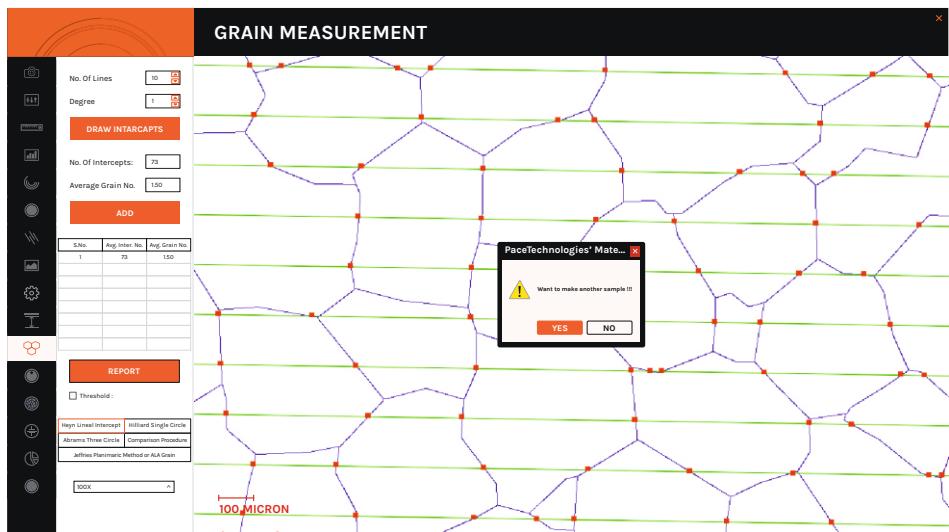


Fig-52

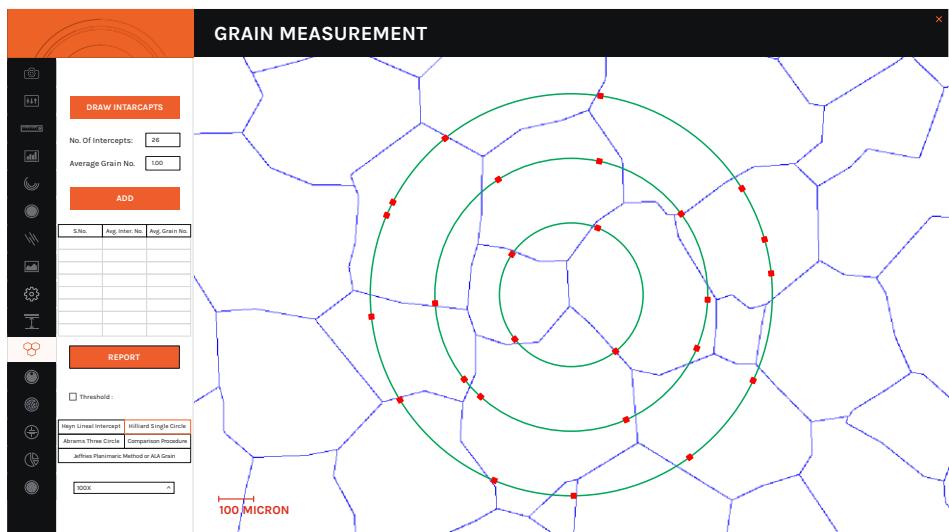
7th Step

Fig-53

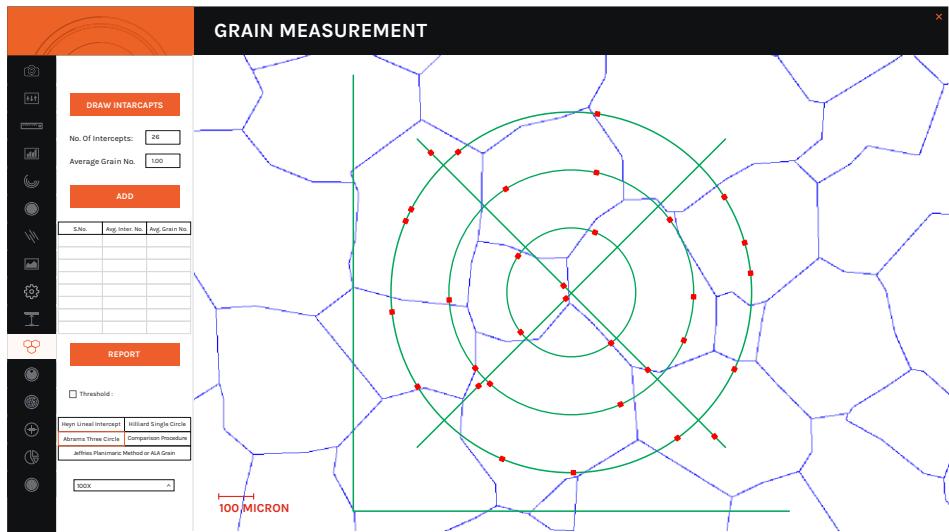


Click on **REPORT** button, massage box will ask whether you want to study another field or analysis another captured image. Press **YES** for next picture. Otherwise press **NO**.

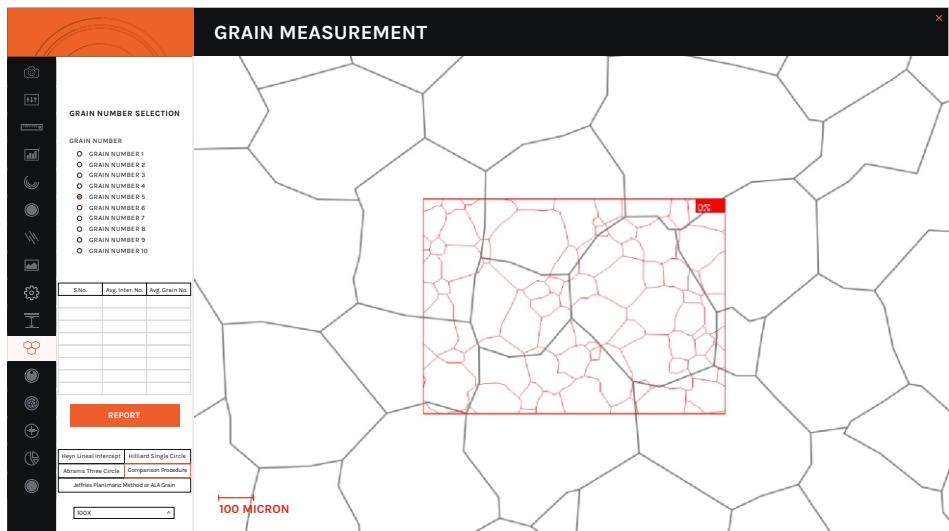
HILLIARD SINGLE CIRCLE



ABRAMS THREE CIRCLE



ABRAMS THREE CIRCLE



JEFFRIES PLANIMARIC METHOD OR ALA GRAIN

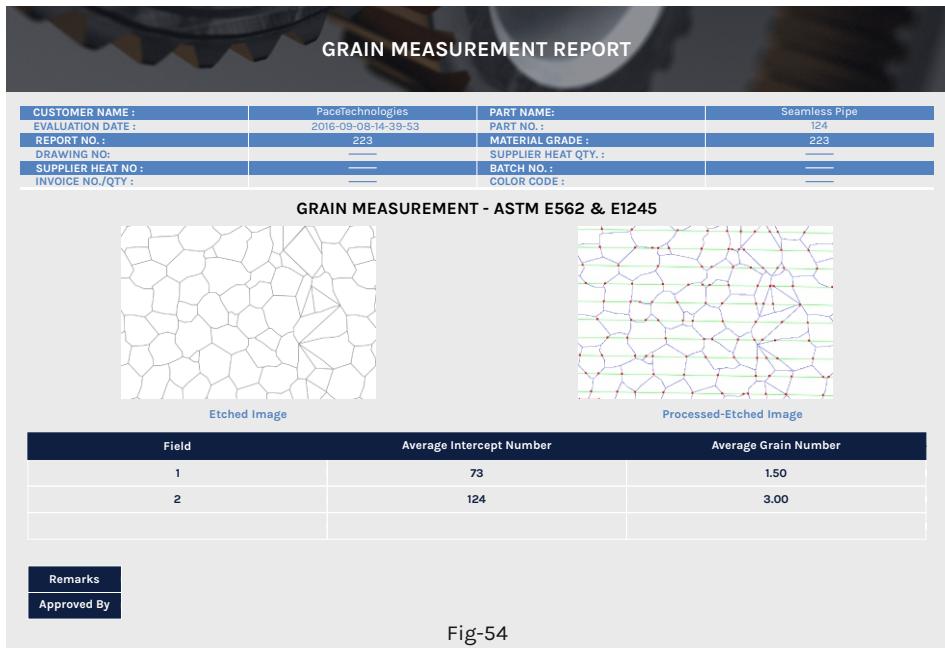
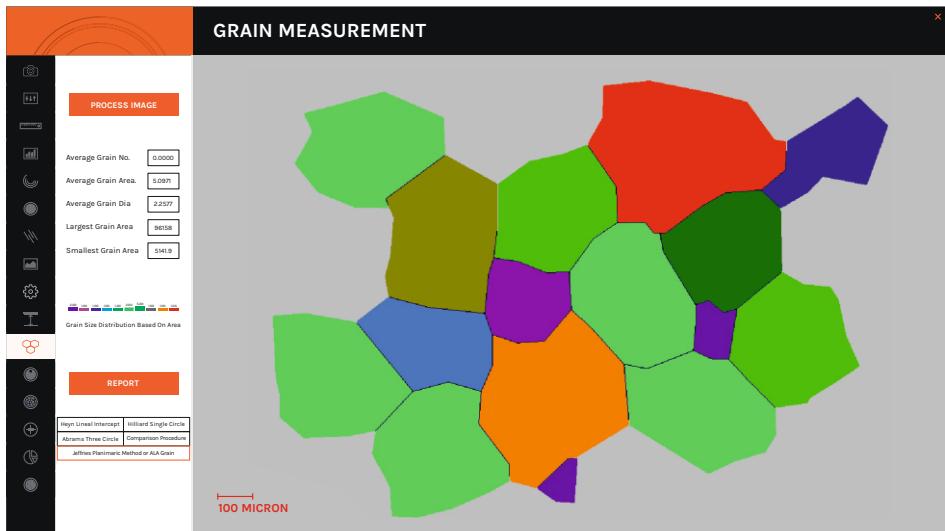


Fig-54