

MATERIAL PLUS

A PACE TECHNOLOGIES PRODUCT

This module is specific for Porosity



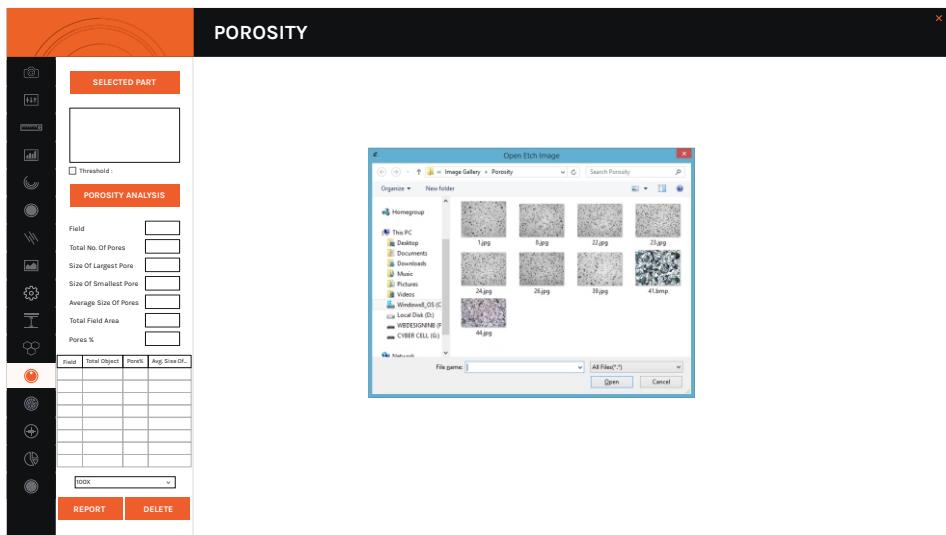
POROSITY

ABOUT THE POROSITY

The module allows a user to recognize and measure the porosity of the material according to the ASTM B276 standard. The total number of pores is counted along with their percentage and min/max perimeter and area of each pore.

1st Step

Fig-61



Click two times an appropriate image for analysis of percentage.

2nd Step

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



Fig-62

3rd Step

Fig-63



Click on threshold.

4th Step

Click on **POROSITY ANALYSIS** button to compute the percentage.

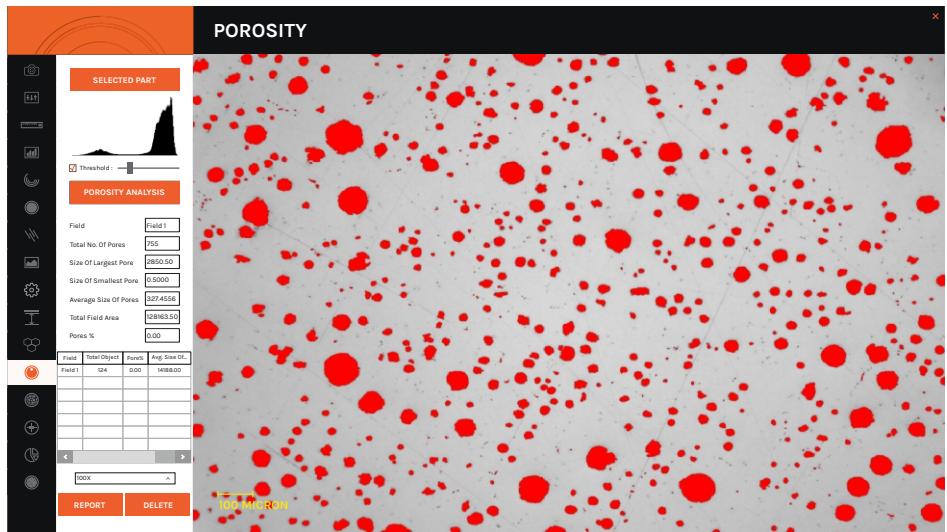
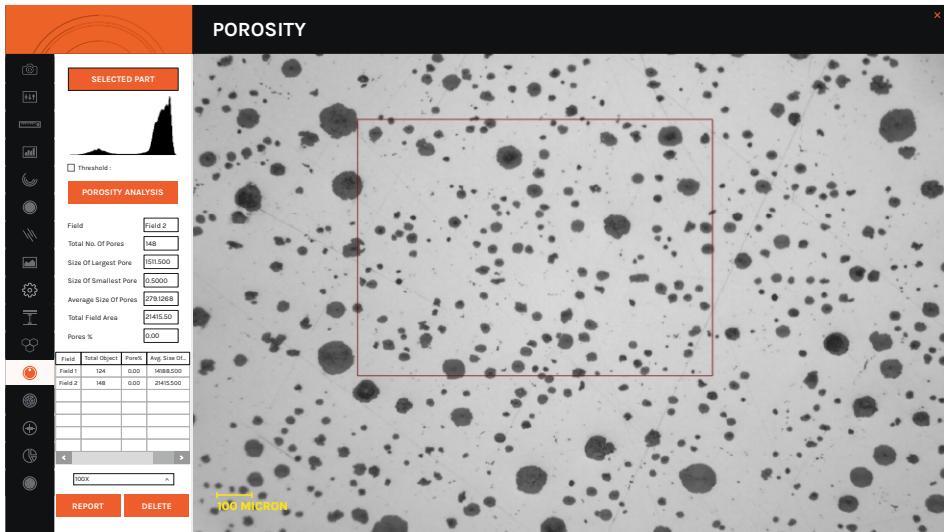


Fig-64

5th Step

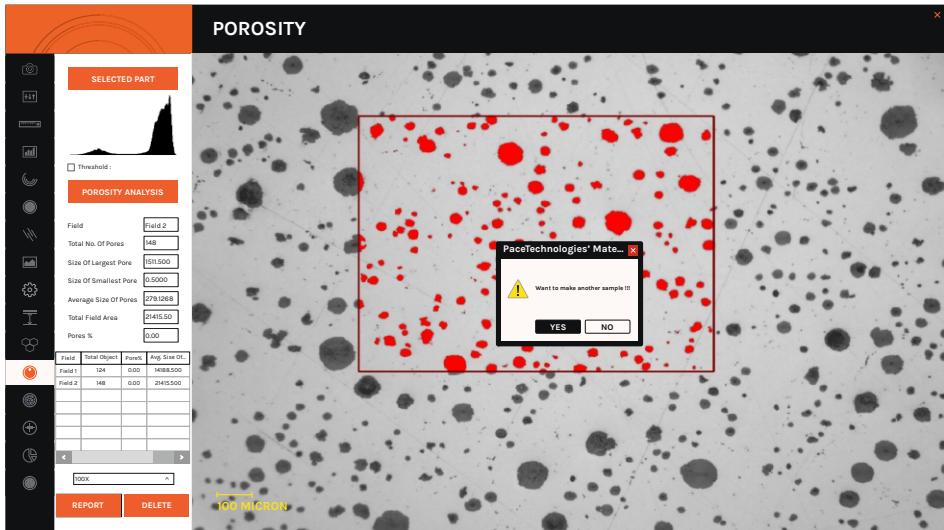
Fig-65



Click on **SELECTED PART** button to compute porosity percentage in the selected parts of pichture.

6th Step

Fig-66



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**.

RESULT ARE AVAILABLE IN EXCEL IN A-4 SIZE

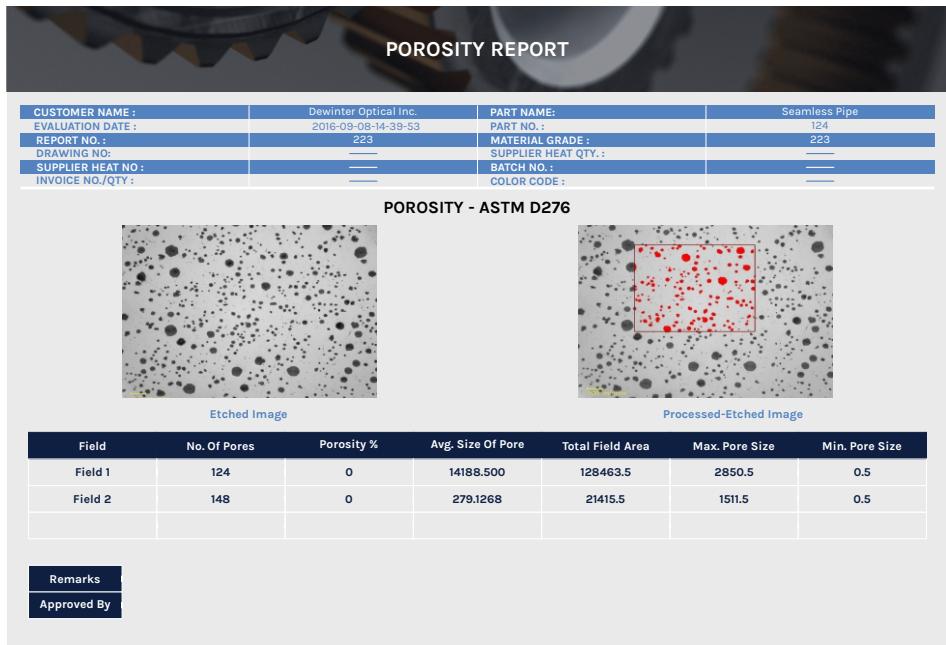


Fig-67