


Example: Inclusion

Using Material Plus software the user can identify the following types of inclusions:

- Sulfide Type (A-type)**
- Alumina Type (B-type)**
- Silicate Type (C-type)**
- Globular Type (D-type)**

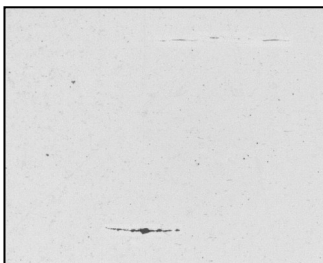
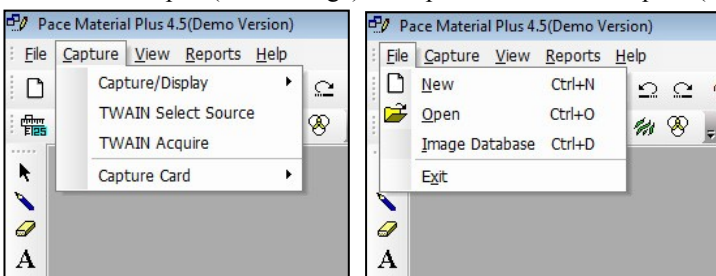
Each type is further classified into Thin and Heavy based on the width parameters.

PROCEDURE:

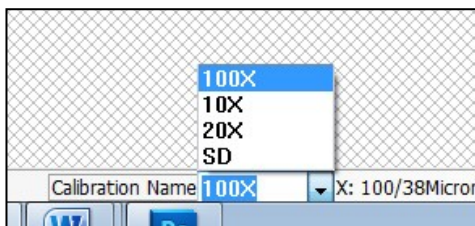
1. Load the inclusion image for analysis.
2. Select the appropriate saved calibration scales from the drop down list at the bottom of the Window
3. Click on the Inclusion icon  either from the Toolbar or from the Menu-bar
4. Click SET THERSHOLD. A new window will pop open. Adjust the lines to set the minimum and maximum range for the threshold. Click OK.
5. To save the report, click on REPORT.
6. A sample information window will appear. Fill the required information. Click on "Save Data For Report Tool"
7. Click on "TO EXCEL" to see the result in Excel.


EXAMPLE of Inclusion Analysis

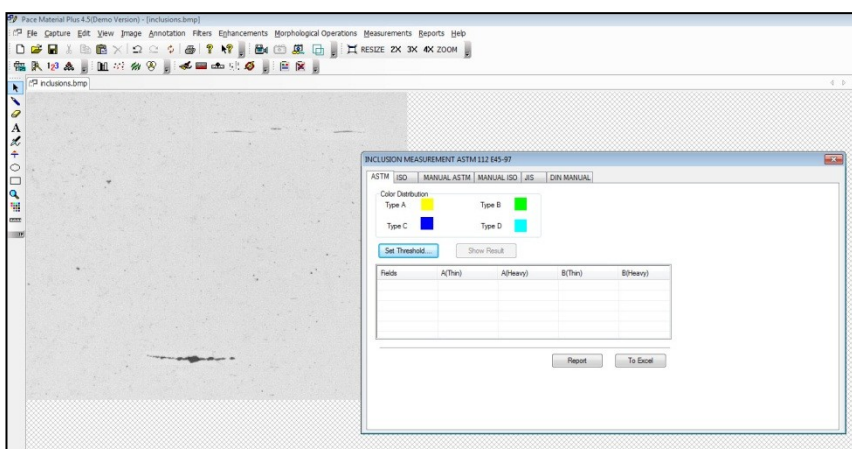
1. File > Open (select image) or Capture > TWAIN Acquire (for live image)



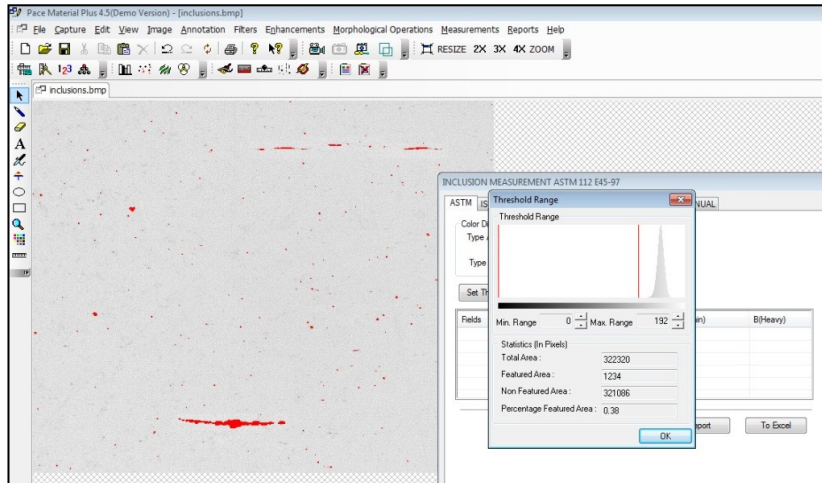
2. Select Calibration scale at bottom of the Window



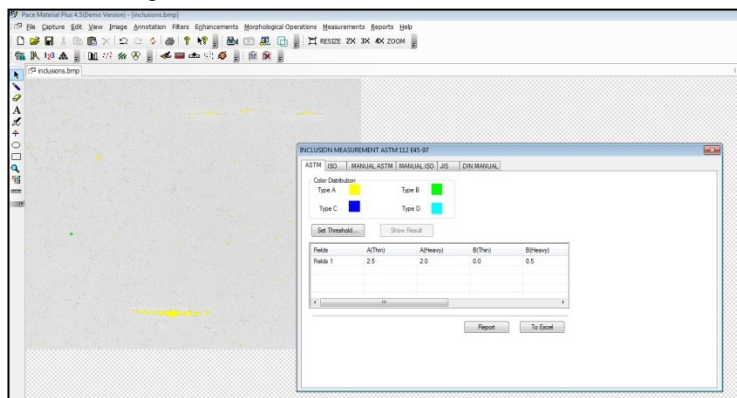
3. Click on the Inclusion icon  either from the Toolbar or from the Menu-bar



4. Click SET THERSHOLD. A new window will pop open. Adjust the lines to set the minimum and maximum range for the threshold. Click OK.



5. To save the report, click on REPORT.



6. A sample information window will appear. Fill the required information. Click on “Save Data For Report Tool”
7. Click on “TO EXCEL” to see the result in Excel.

Grainsize5 [Compatibility]

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MICROMEASUREMENT TEST REPORT

NAME : APPLICATION :
EVALUATION DATE : OPERATOR :
SAMPLE INFO ID : MICROSCOPE OBJ :

Fields Type A (THIN) Type A (HEAVY) Type B (THIN) Type B (HEAVY) Type C (THIN) Type C (HEAVY) Type D (THIN) Type D (HEAVY)

Fields 1 2.5 2 0 0.5 0 0 0 0