

Example: Coating Thickness - Trace Method

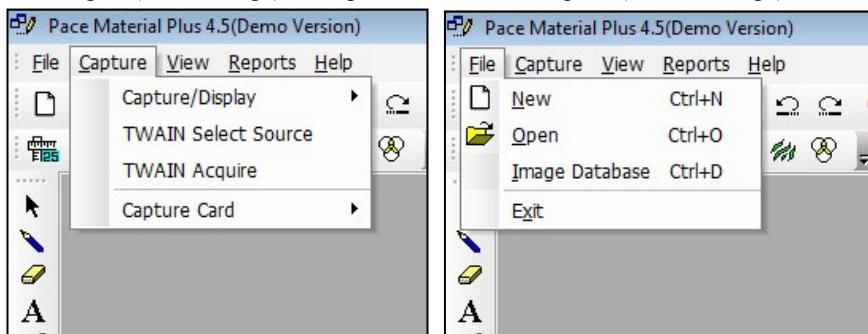
The Coating Thickness – TRACE method is a more accurate method than the parallel line method in case a layer cannot be separated on the basis of color intensity from the other coatings in the image.

PROCEDURE:

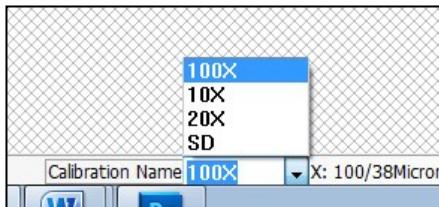
1. Load the coating thickness image for analysis.
2. Select the appropriate saved calibration scales from the drop down list at the bottom of the Window.
3. Click on the Coating Thickness icon  either from the Toolbar or from the Menu-bar
4. Open TRACE Method tag.
5. Activate USING MOUSE button.
6. Click on DRAW TRACE (draw both lines do not cancel to proceed-see next step)
7. A new dialogue box with instructions will appear.
8. Click left and hold mouse button at the starting point of the upper part of the first coating layer. Drag the clicked mouse slowly to the end of the layer.
9. Similarly click and hold the left button on the mouse at starting point of the next coating layer, dragging the mouse to the end of the second layer. This will automatically draw the MAX & MIN thickness points and display the results in the grid.
10. To transfer the data for the first coating to the grid click ADD
11. If additional layers are required repeat steps 5-9.
12. To save the report, click on REPORT.
13. A sample information window will appear. Fill the required information. Click on “Save Data For Report Tool”
14. Click on “TO EXCEL” to see the result in Excel.

EXAMPLE of Coating Analysis – Trace Method

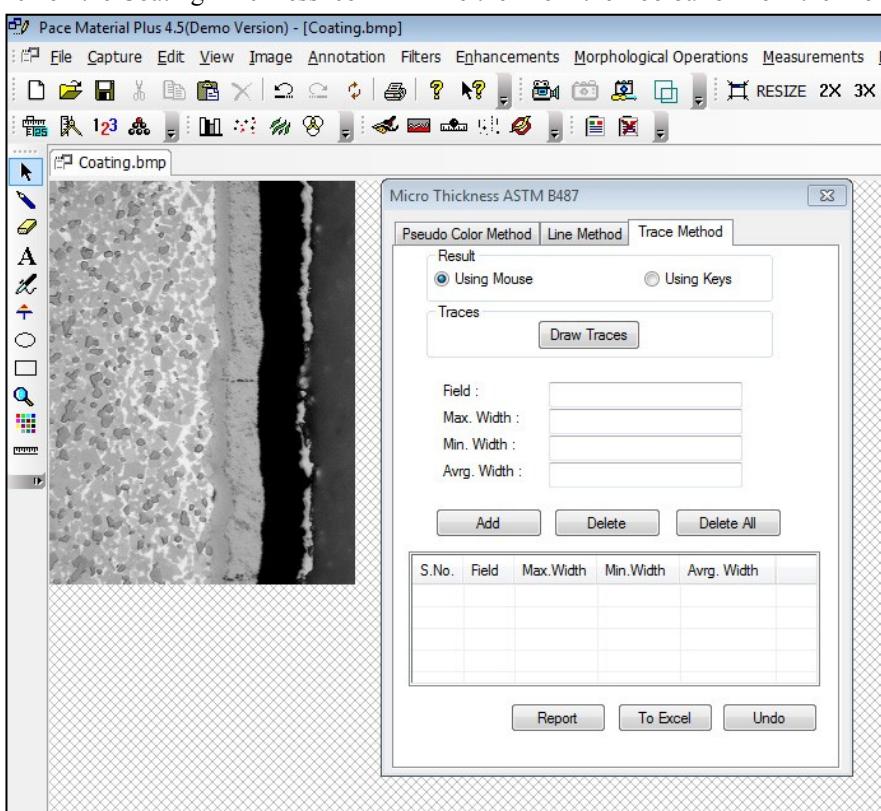
1. File > Open (select image) or Capture > TWAIN Acquire (for live image)



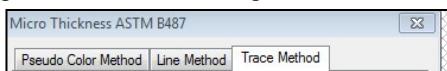
2. Select Calibration scale at bottom of the Window



3. Click on the Coating Thickness icon



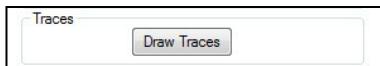
4. Open TRACE Method tag.



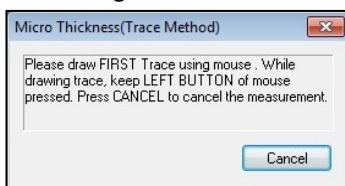
5. Activate USING MOUSE button.



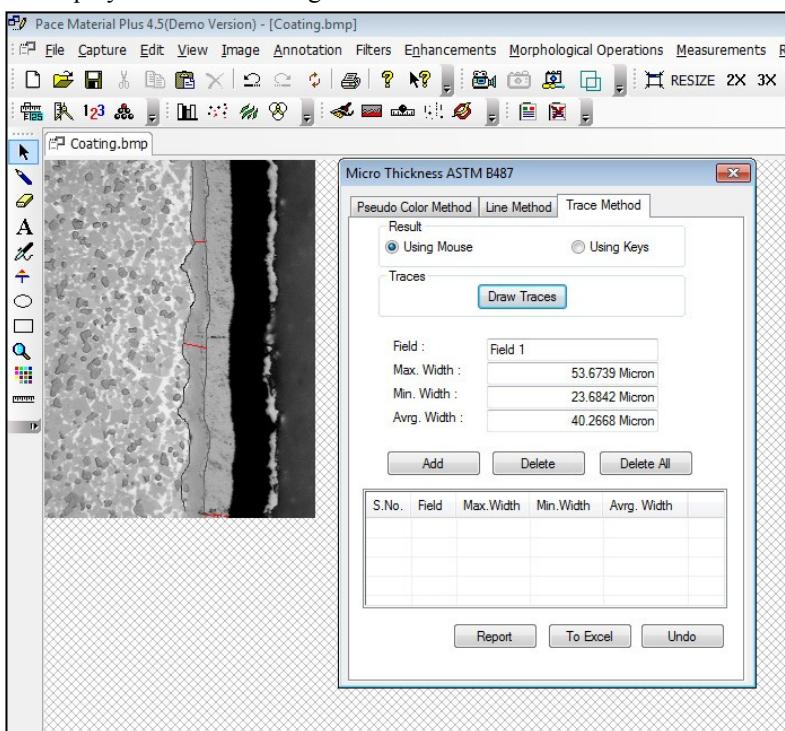
- Click on DRAW TRACE (draw both lines do not cancel to proceed-see next step)



- A new dialogue box with instructions will appear.



- Click left and hold mouse button at the starting point of the upper part of the first coating layer. Drag the clicked mouse slowly to the end of the layer.
- Similarly click and hold the left button on the mouse at starting point of the next coating layer, dragging the mouse to the end of the second layer. This will automatically draw the MAX & MIN thickness points and display the results in the grid.

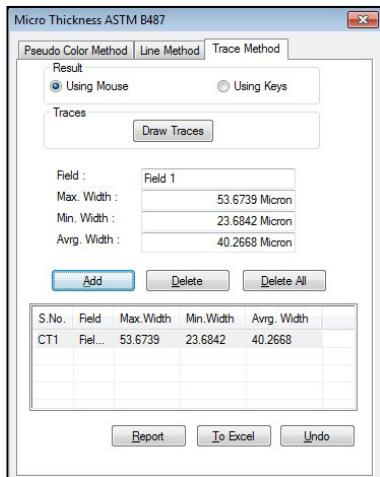




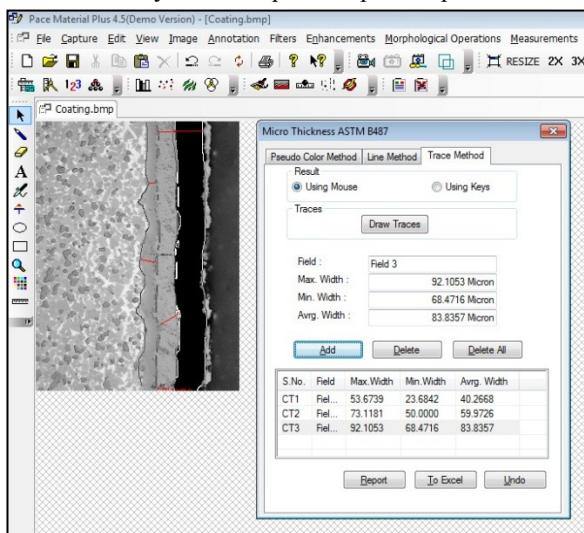
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10. To transfer the data for the first coating to the grid click ADD



11. If additional layers are required repeat steps 5-9.



12. To save the report, click on REPORT.
13. A sample information window will appear. Fill the required information. Click on "Save Data For Report Tool"
14. Click on "TO EXCEL" to see the result in Excel.



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