



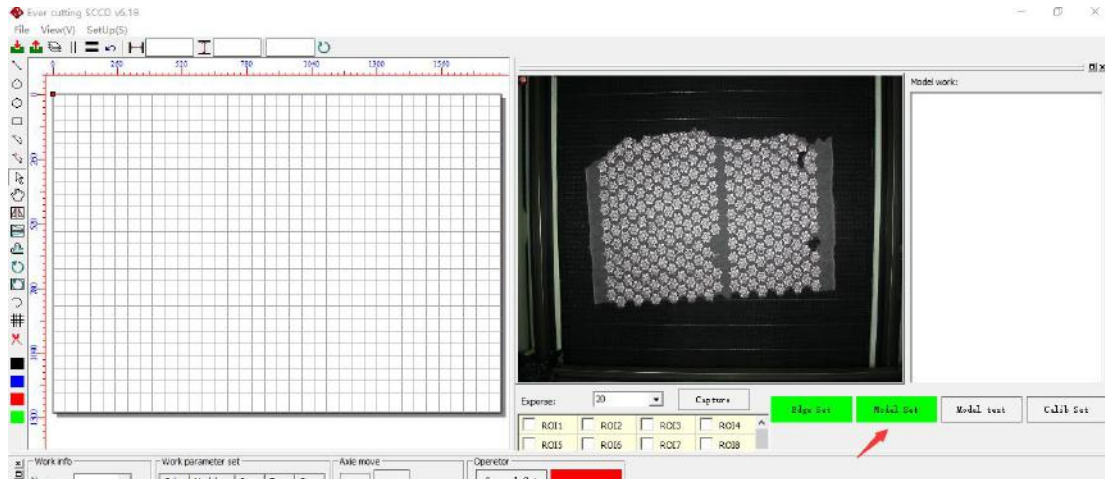
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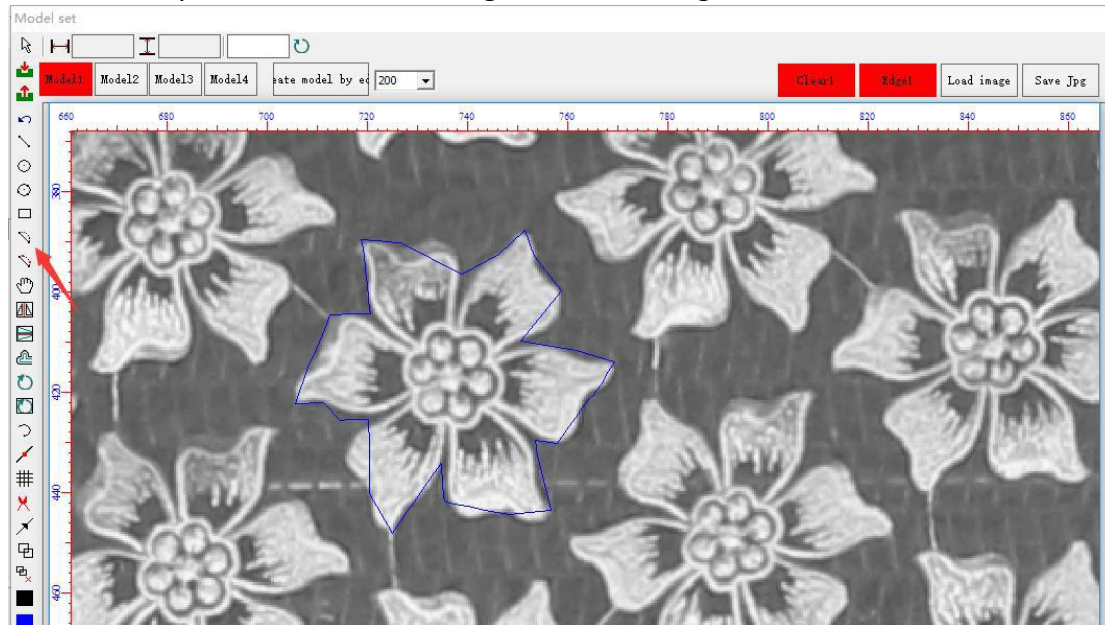
## Large visual deformation matching manual

Step 1 Open the software and click on the template management.

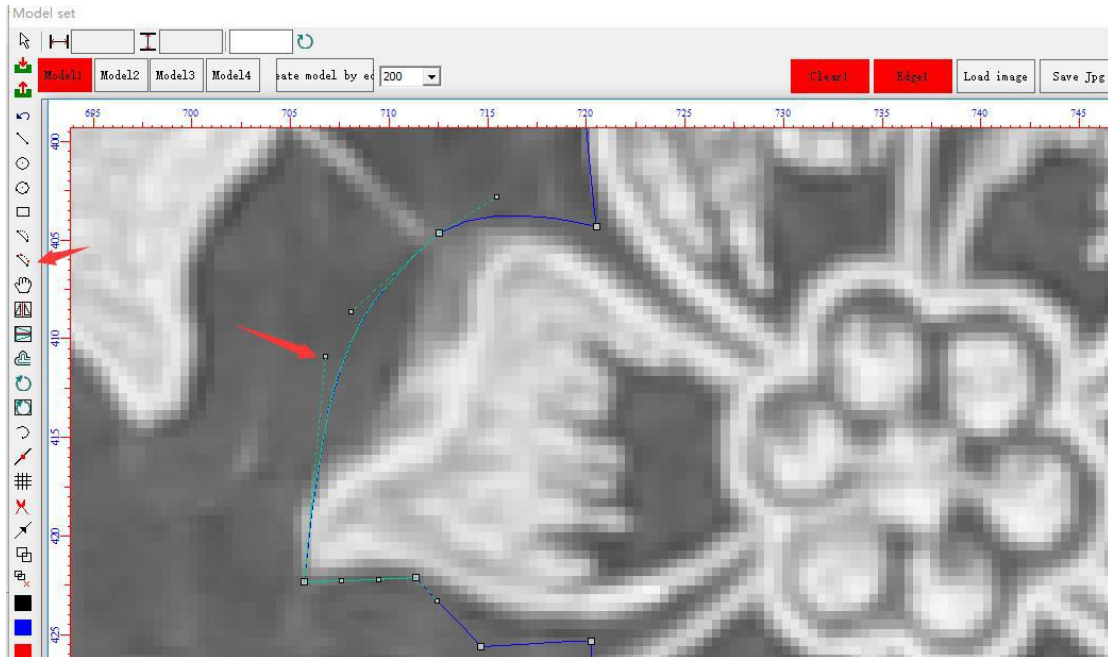


Step 2 New Template

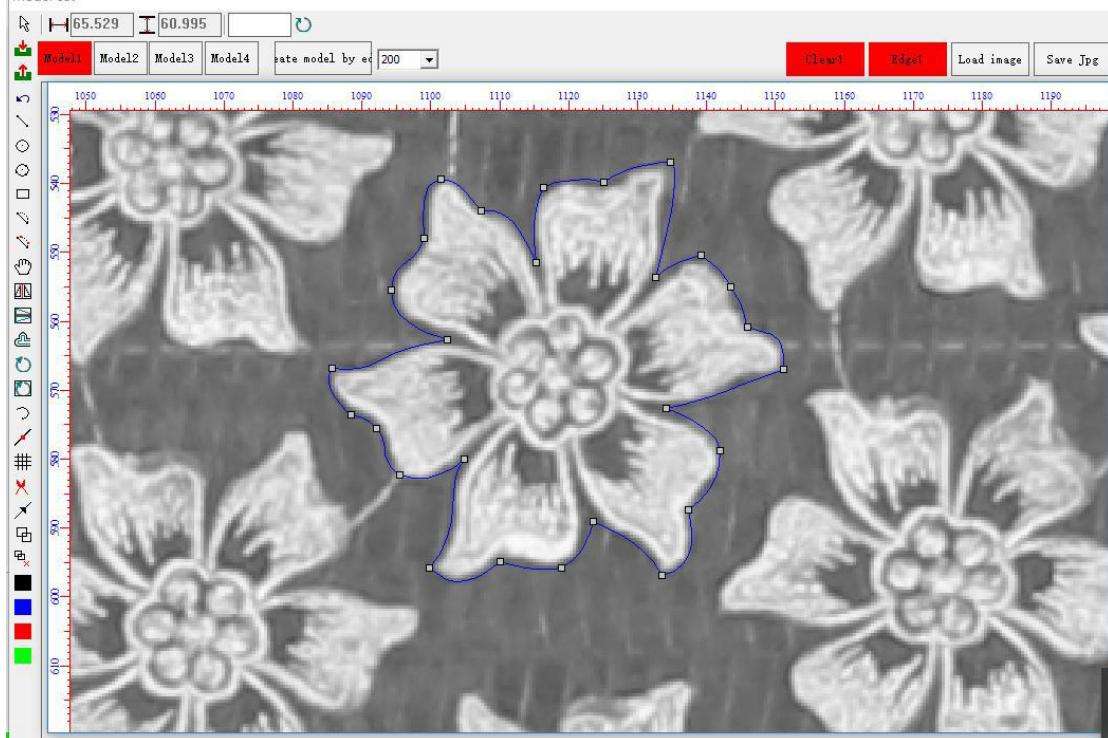
1 as shown by the red arrow in the figure, the drawing tool is clicked to trace



2 as shown by the red arrow in the figure, as a retouching tool, click to retouch



3 Click the left mouse button in the line to double-click to delete or add a trace node.



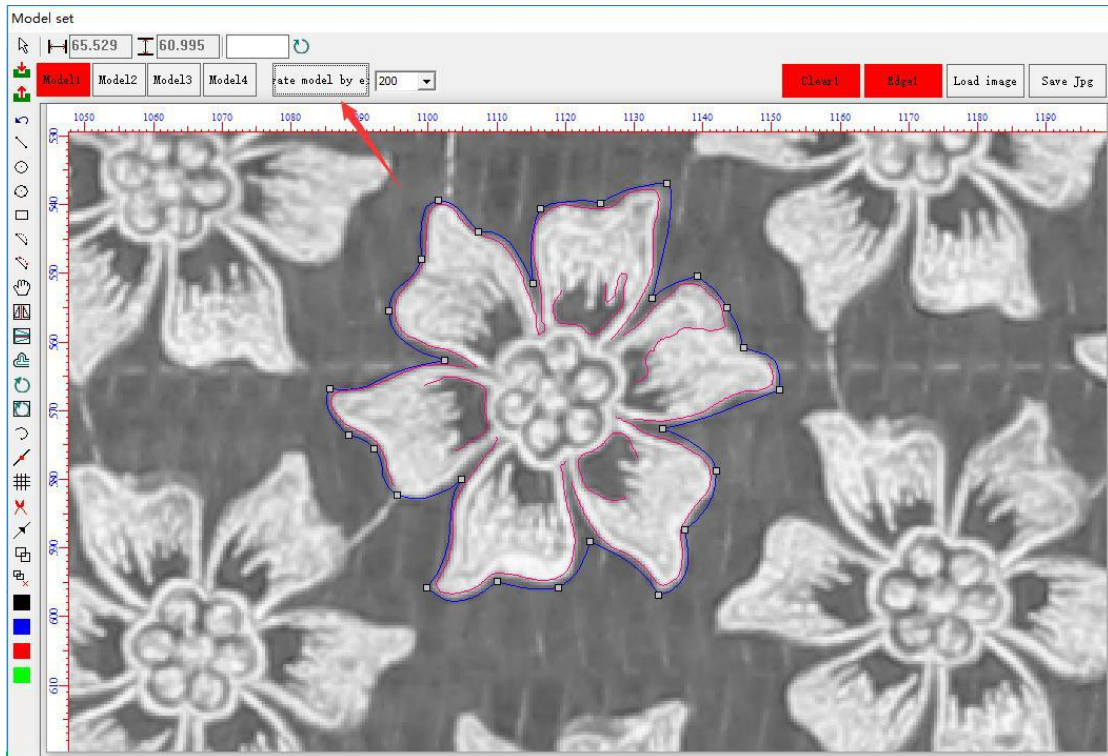


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### Step 3 Generate contour feature points





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## Step 4 Adjust the template parameters

1 Smoothing coefficient: For graphs with more feature points, the smoothing coefficient should be pulled to the right as far as possible. If the color difference is small, the feature points should be pulled too far to the right.

2 Threshold: The graph with more feature points, the smoothing coefficient is pulled to the right, the chromatic aberration is smaller, and the feature points are less. If it is pulled to the right, the feature points will disappear.

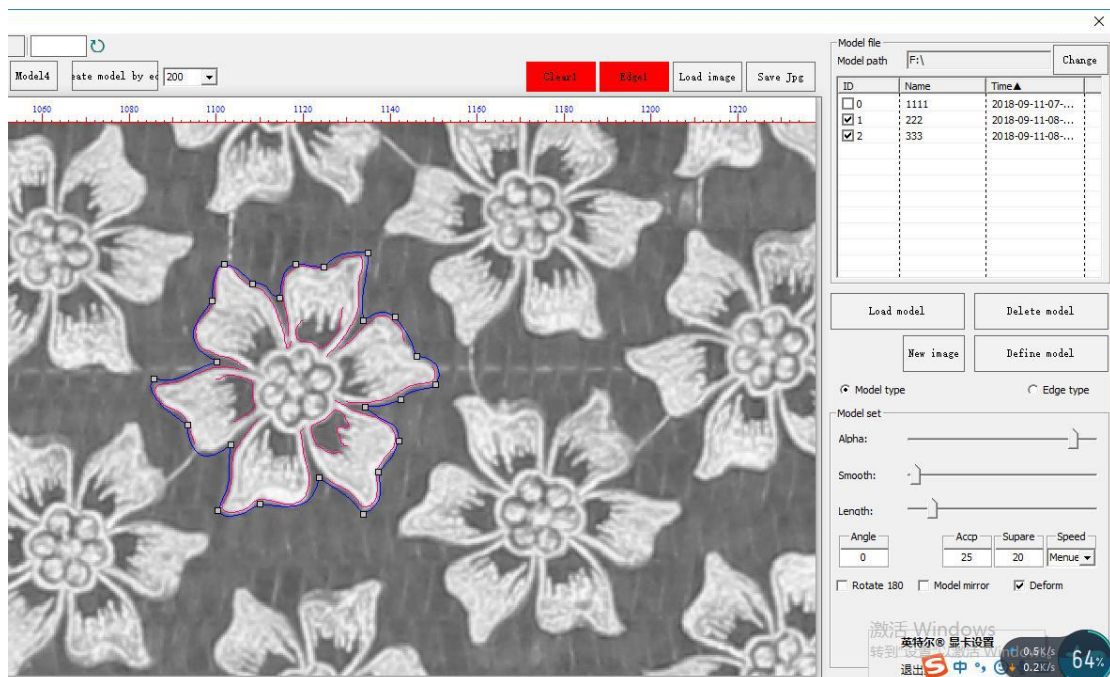
3 angle range: set to 0

4 similarity: the degree of similarity between other graphics and templates. If there is a missing mark, the similarity should be reduced. If there is more recognition, the similarity needs to be increased.

5 overlap ratio: the overlap of the outer rectangles of two adjacent graphics. The larger the overlap, the larger the overlap ratio.

6 speed: more use of deformation matching leakage labels need to be set to super fast.

7 check the deformation match



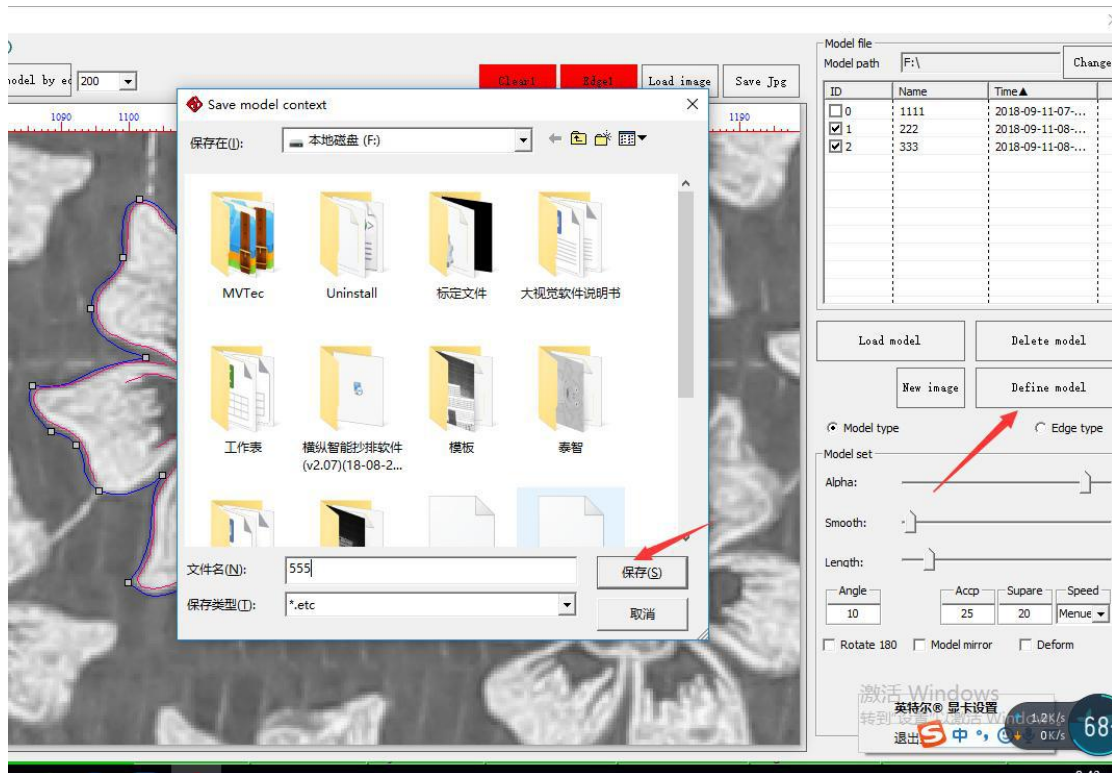


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Step 5 Save the template.





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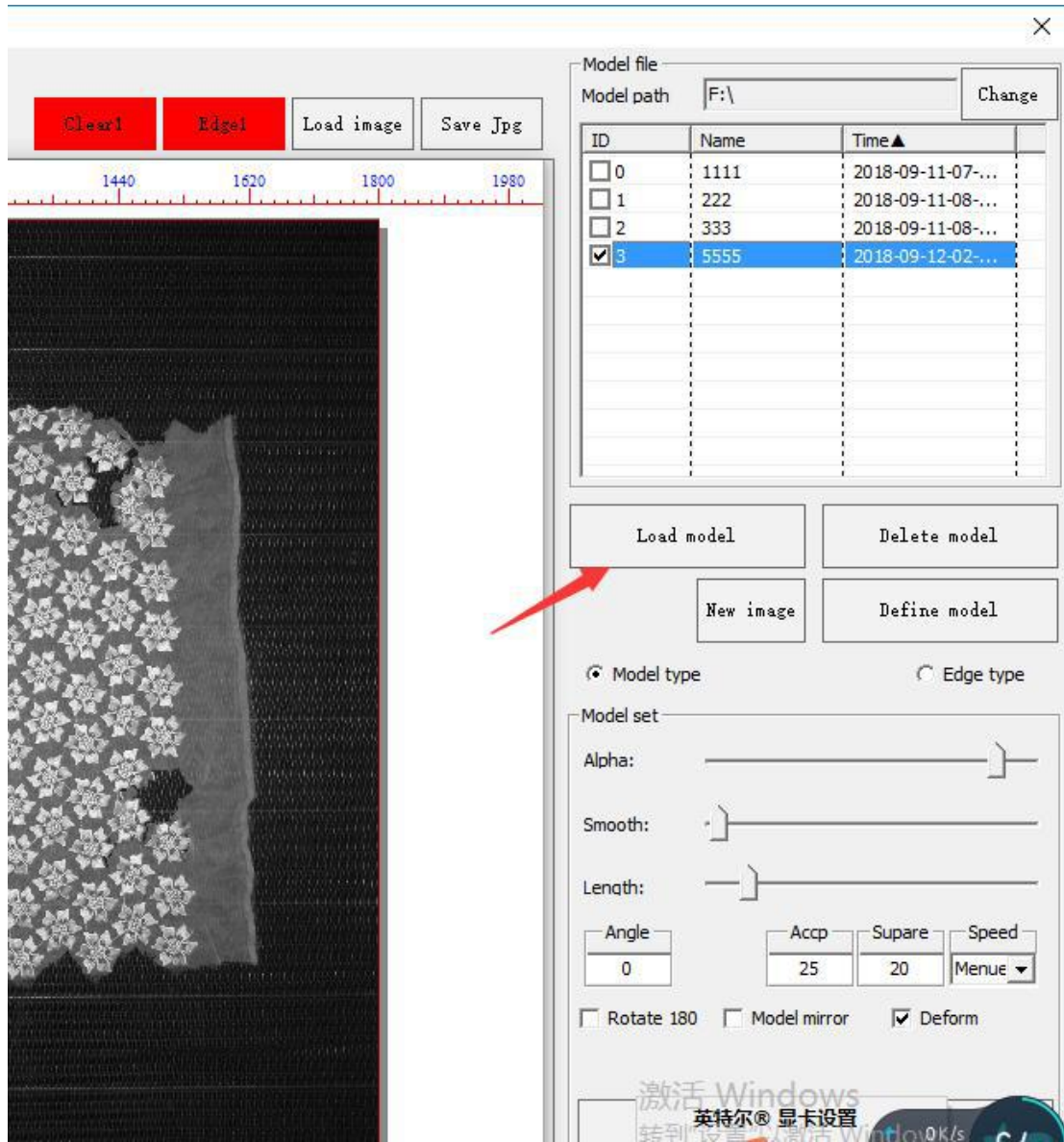
Step 6 Template import workspace



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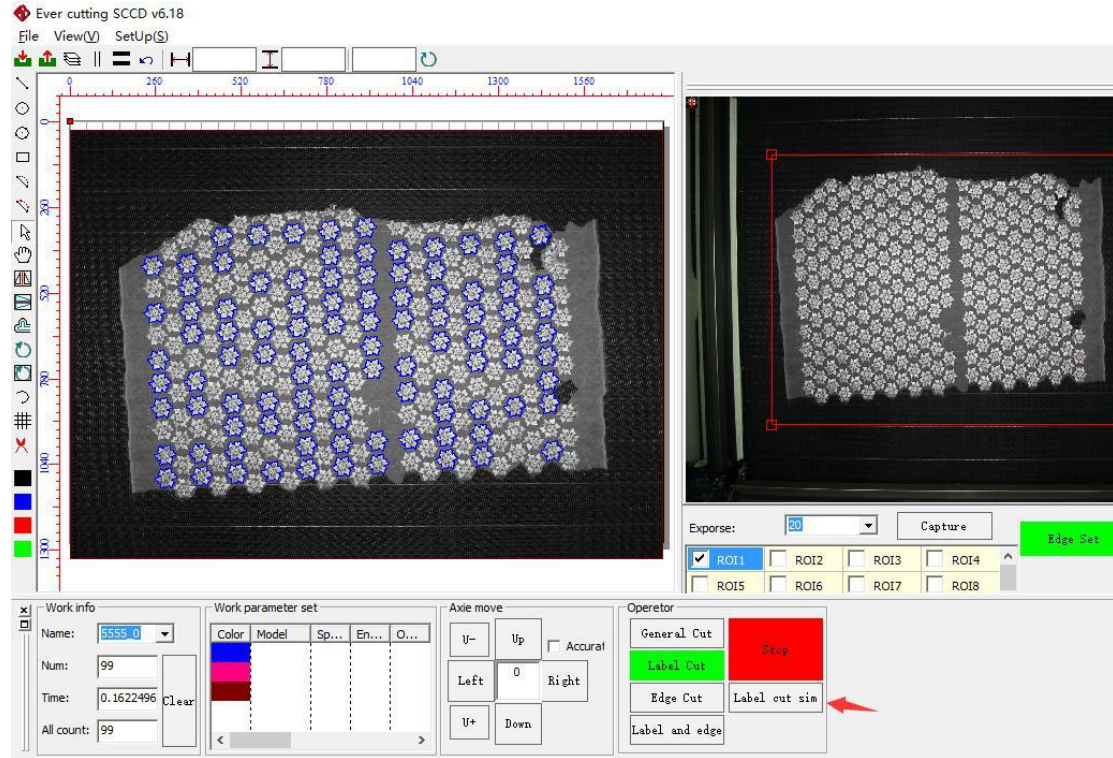


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## Step 7 Click on the positioning and cutting simulation



Deformation matching recognition can not exceed 100 graphics if it exceeds and will miss  
If there are more material patterns, choose a few red frames and each red frame does not exceed  
100 graphics.

