
再登高平板扫描数字化仪

操作手册

Operation Manual

V1.0

再登高™

GetonAgain®

- 非常感谢您选购再登高产品；

Thank you very much for choosing GetonAgain products;

- 在使用之前请仔细阅读本手册，正确安全的使用本产品；

Please read this manual carefully before use and use this product correctly and safely;

- 请妥善保管此手册；

Please take good care of this manual;

平板扫描数字化仪软件使用说明

第一章 界面说明 Chapter1 Operation interface	1
1.1 软件各工具介绍 Tools Introduction of the Software	3
1.2 设置工具介绍 Setup Introduction	4
1.3 显示设置功能介绍 Display setting function introduction	5
1.4 颜色功能介绍 Color function introduction	错误！未定义书签。
1.5 显示功能介绍 Display function introduction	7
1.6 快捷方式功能介绍 Shortcut function introduction	8
 第二章 软件的实际操作示例 Chapter 2 Practical Operation Examples of Software	1
2.1 实际操作示例 2.1 Practical Operation Examples	4

第一章 界面说明以及功能使用

Chapter 1 Interface Description and Function Usage

1.1 软件各工具介绍

1.1 Introduction to software tools

1.2 设置工具介绍

1.2 Introduction to Setting Tools

1.3 显示设置功能介绍

1.3 Display settings function introduction

1.4 颜色功能介绍

1.4 Color Function Introduction

1.5 显示功能介绍

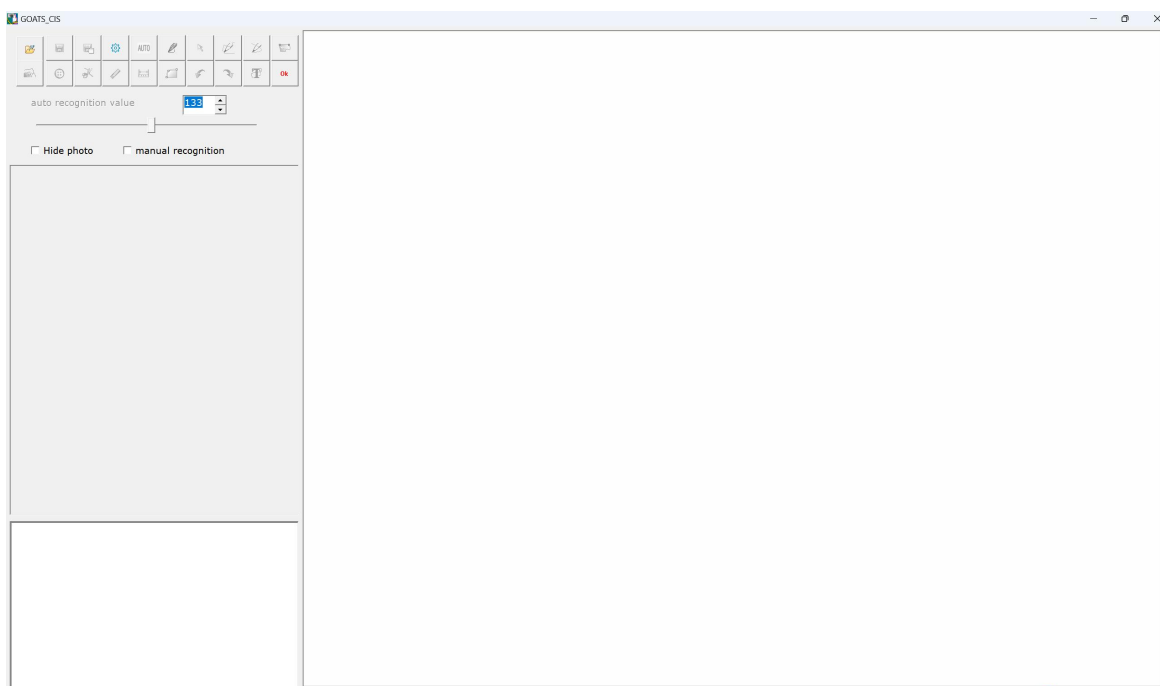
1.5 Color Function Introduction

1.6 快捷方式功能介绍

1.6 Shortcut Function Introduction

1.1 软件各工具介绍

1.1 Introduction to software tools



(1) 打开文件——扫描好的 1:1 图片

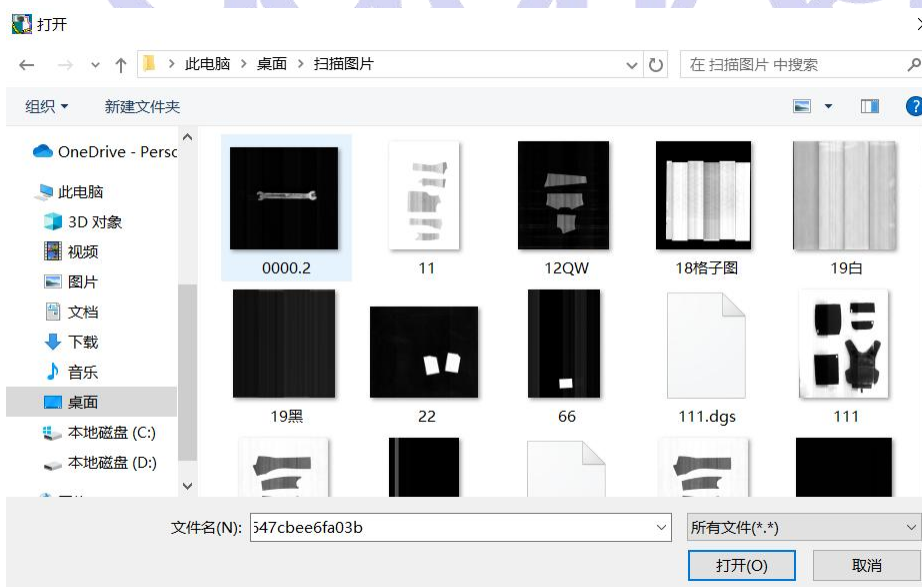
(1) Open the file - scanned 1:1 image



【打开文件夹】打开已经扫描完成的样板的文件夹



【Open Folder】Open the folder of the scanned sample



(2) 保存文件——保存确定的轮廓线输出到 DGS ,DXF,CIS 格式文件

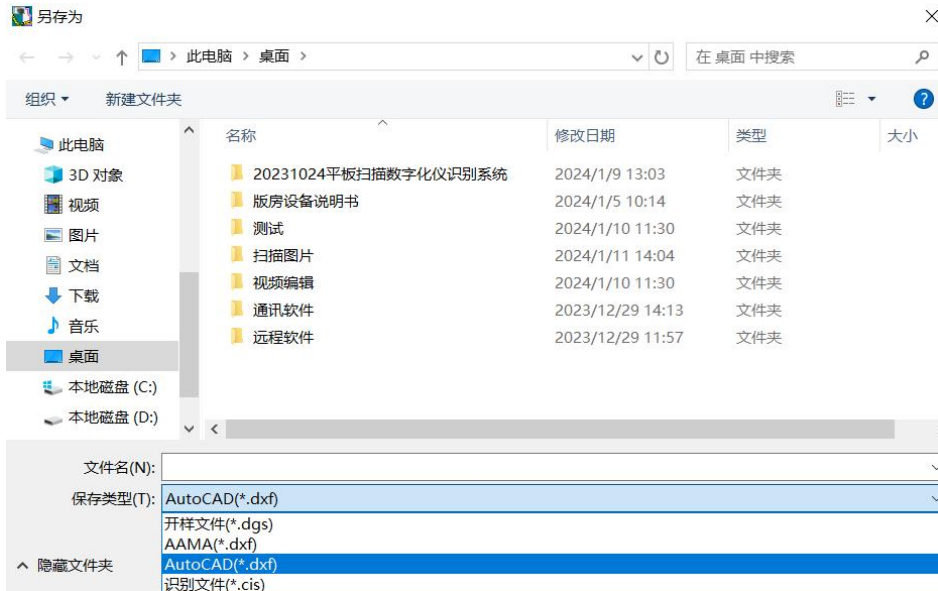
(2) Save file——Save the determined contour line and output it to DGS, DXF, CIS format file



【另存为】左键单击该图标保存已识别完成的纸样；



【Save As】Left-click the icon to save the recognized paper pattern;



(3) 保存文件——保存识别后可再次编辑的 CIS 格式文件

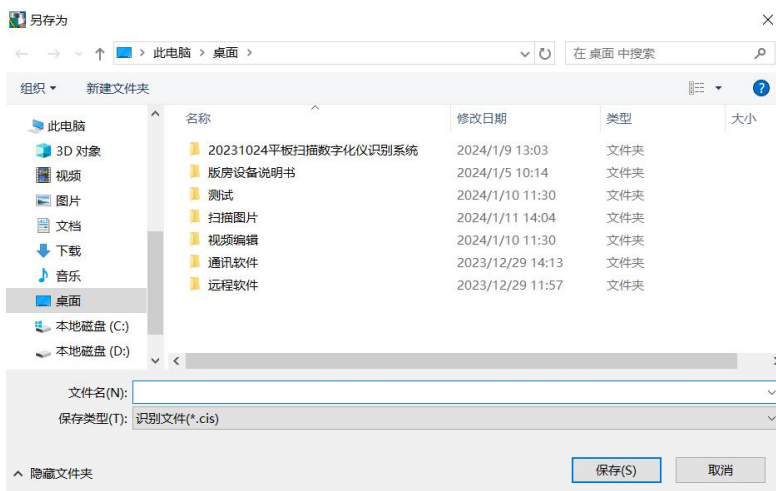
(3) Save the file——Save the CIS format file that can be edited again after recognition®



【保存】左键单击该图标保存已识别完成的纸样



【Save】Left-click this icon to save the recognized pattern.



(4) 设置——设置识别精度，颜色，显示，快捷键的信息

(4) Settings—Set recognition accuracy, color, display, and shortcut key information



【设置】左键单击该图标进入设置框；



【Settings】Left-click the icon to enter the settings box;

设置

输入设备

☒ 扫描仪 ☐ 数码照相机

☒ 固定 ☐ 手持

图片类型

☐ 结构线 ☒ 纸样

扫描仪分辨率

输入分辨率(dpi) 150

路径 浏览

☐ 自动导入图片

确定 取消 显示设置

1.4.1 设置界面介绍

1.4.1 Introduction to the settings interface

- ① 输入设备名称
- ① Enter the device name
- ② 图片识别类型
- ② Image recognition type
- ③ 扫描仪分辨率
- ③ Scanner resolution



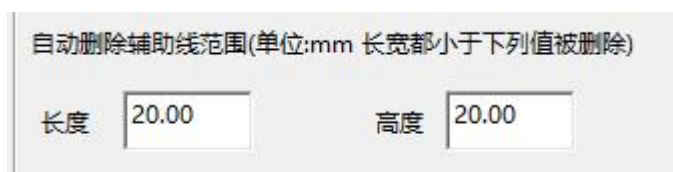
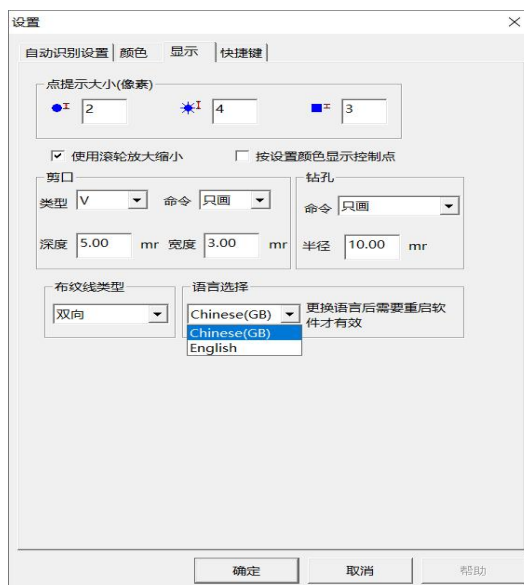
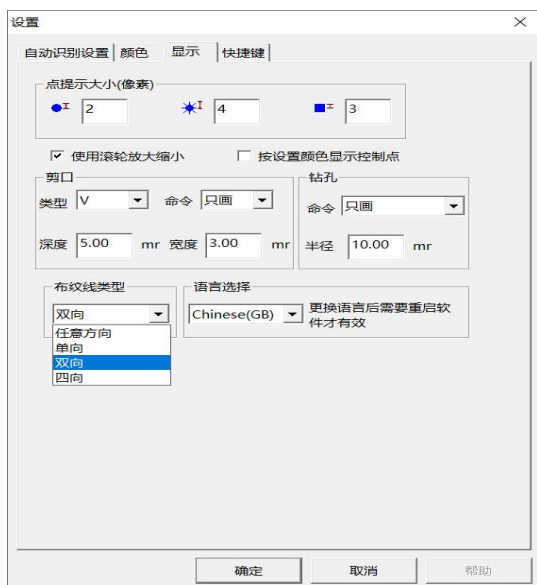
1.4.2 【显示设置】：1.{颜色} 修改默认显示颜色；

1.4.2 【Display Settings】：1.{Color} Modify the default display color



2. {显示}修改软件工作区中需显示的设置，点击小三角可选择其它类型；

2. {Display} Modify the settings to be displayed in the software workspace. Click the small triangle to select other types.



为辅助线设置。在识别辅助线时需要自动清除一些干扰(例如：文字，标记)如果辅助线所在的矩形小于给定的矩形，该辅助线在识别过程中会被自动删除。

Setting for auxiliary lines. When identifying auxiliary lines, some interference (such as text, marks) needs to be automatically removed. If the rectangle where the auxiliary line is located is smaller than the given rectangle, the auxiliary line will be automatically deleted during the recognition process.



识别纸样时，小于该大小的纸样被自动删除

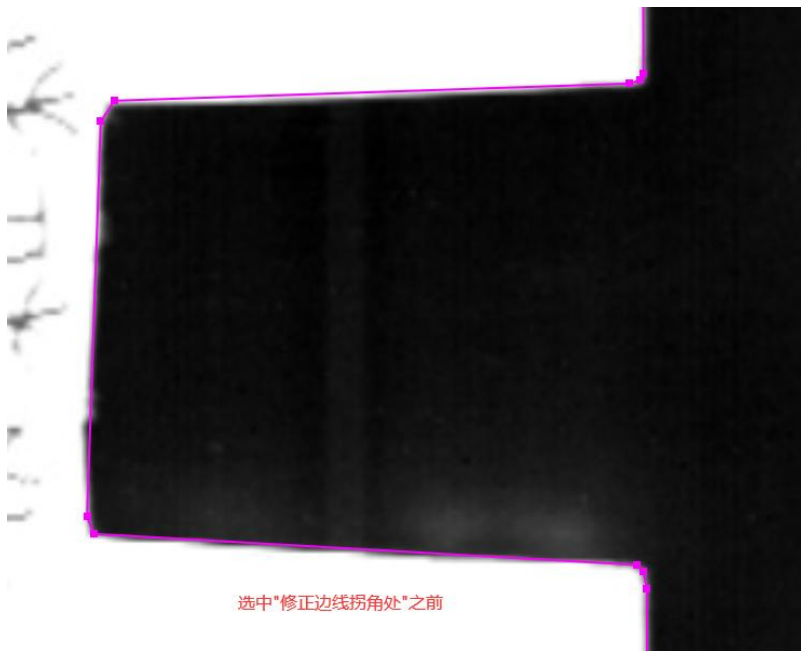
When identifying paper patterns, paper patterns smaller than this size will be automatically deleted



Automatically correct edge corners

自动识别过程中处理边线拐角部分

Processing of edge corners during automatic recognition



Before selecting Fix Edge Corners



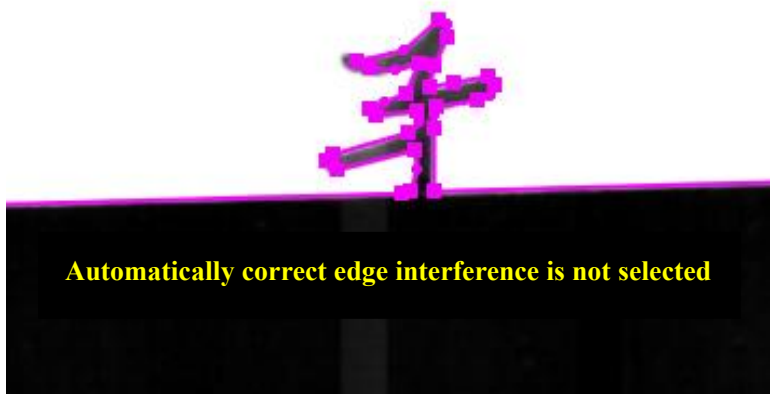
After correction

<input checked="" type="checkbox"/> 自动修正边线干扰	修正的最大宽度	<input type="text" value="2.00"/>	mm
--	---------	-----------------------------------	----

Automatic correction of edge interference Corrected maximum width (2.00) mm



修正最大宽度 为 A， B 之间的距离， 即在识别过程中如果边线存在距离小于给定值的缺口都会被删除
The maximum width of the correction is the distance between A and B. That is, during the recognition process, if there is a gap in the edge line with a distance less than the given value, it will be deleted.



(5) 自动调节阀开关——切换自动/手动调节阀开关功能

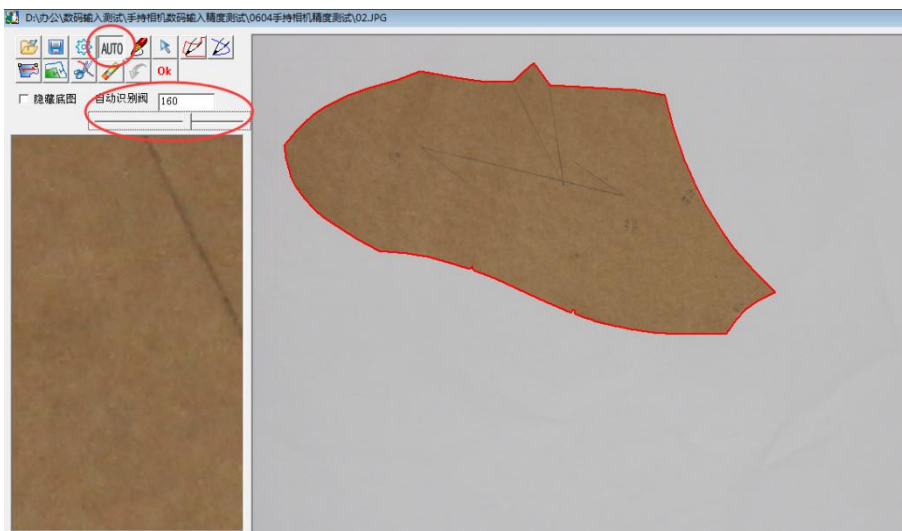
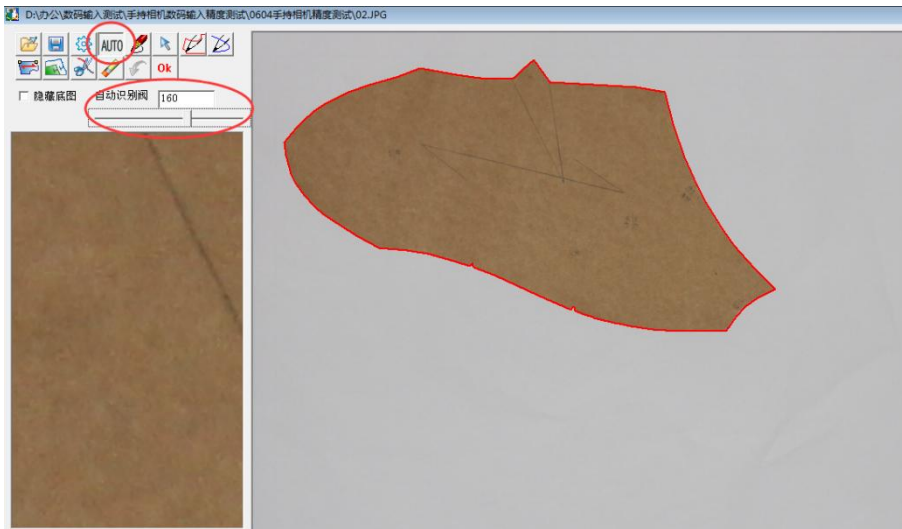
(5) Automatic regulating valve switch - switch the automatic/manual regulating valve switch function



【自动识别阀】左键单击该图标开启该功能时，可拖动自动识别阀或是输入数值，自动识别纸样；



【Automatic recognition valve】 When you left-click the icon to turn on this function, you can drag the automatic recognition valve or enter a value to automatically recognize the paper pattern;



(6) 智能笔———添加调整线条形状位置

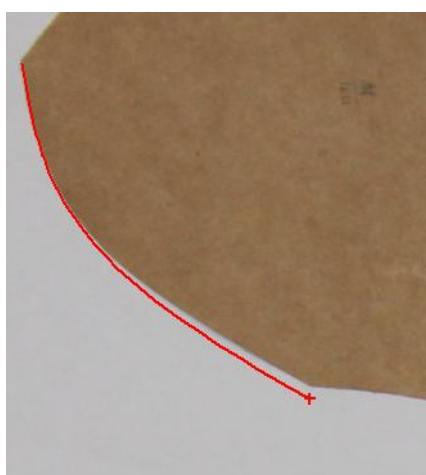
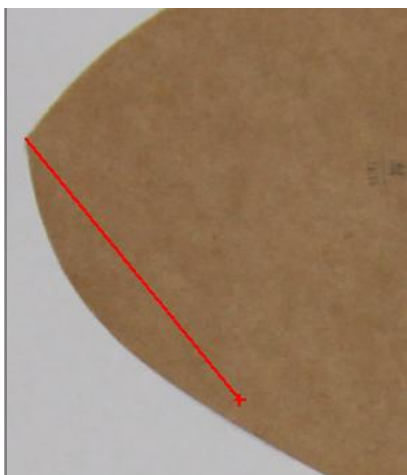
(6) Smart pen———Add and adjust line shape and position



【智能笔】单击左键选择该工具，可在纸样底图基础上画线（空格+左键框选局部可放大）；单击一个点上，可拖出一条线段；再单击一点上可形成一条曲线；

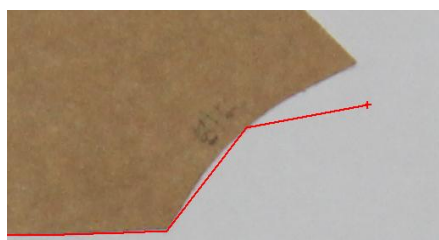
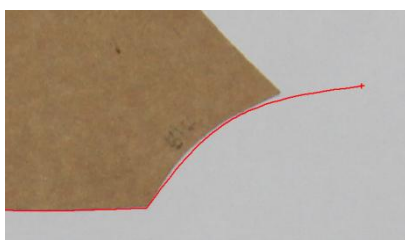
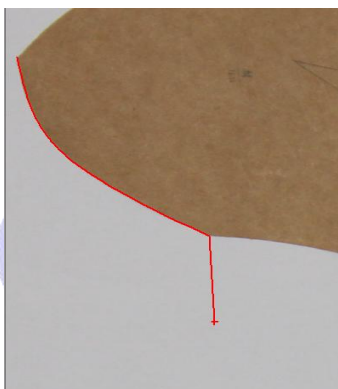


【Smart Pen】Click the left mouse button to select this tool, and you can draw lines on the pattern base (space + left mouse button to select a part to zoom in); Click a point to drag out a line segment; click another point to form a curve;



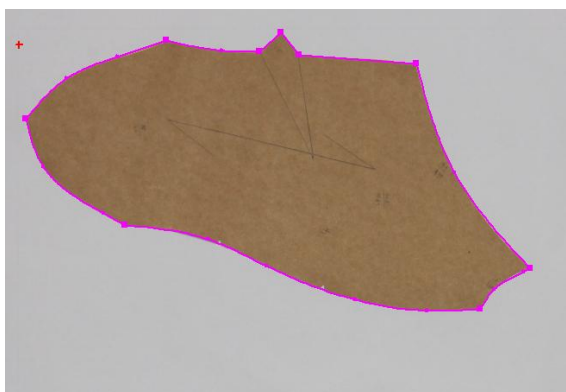
按住 shift 键再单击左键画线时为折线（若是一直按着 shift 画时为折线，若只单击一下为当前画的曲线改成折线）

Hold down the “shift” key and click the left mouse button to draw a line, which will be a broken line (if you keep pressing the shift key, it will be a broken line, if you only click once, the current curve will be changed to a broken line)



右键结束后自动闭合；

It will close automatically after the right button is completed;



(7) 选择箭头————选择线条移动定位点或删除定位点

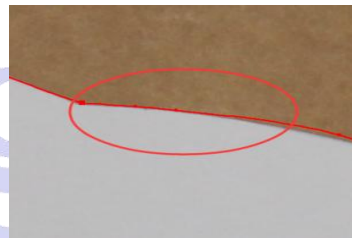
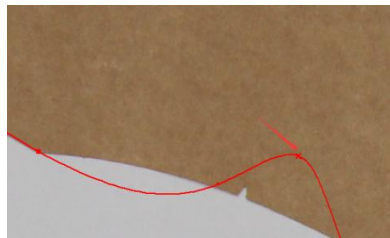
(7) Select the arrow—Select a line to move the anchor point or delete the anchor point



【修改】单击左键选择该工具，单击可选择需要修改的线，放在线上左键拖可进行调整（左键点击线加一个点）；选择线段放在点上可按右键/delete 删除点；

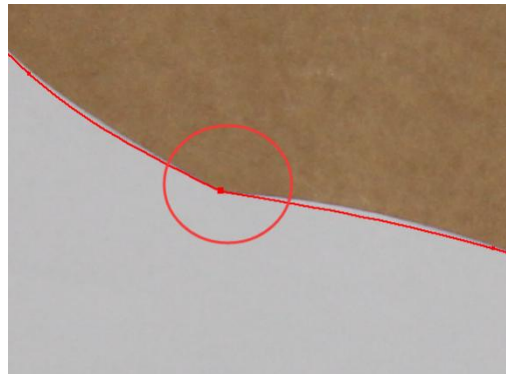
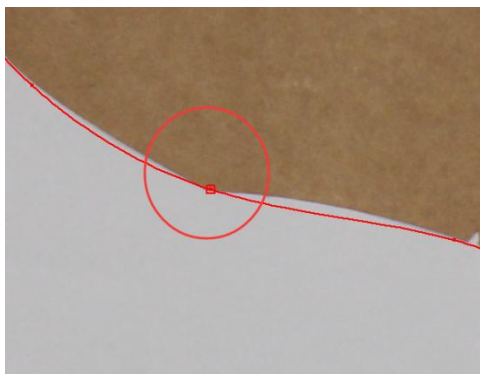


【Modify】Click the left mouse button to select this tool. Click to select the line to be modified. Place it on the line and drag with the left mouse button to adjust it (left click on the line to add a point). Select a line segment and place it on a point and press the right mouse button/delete to delete the point.



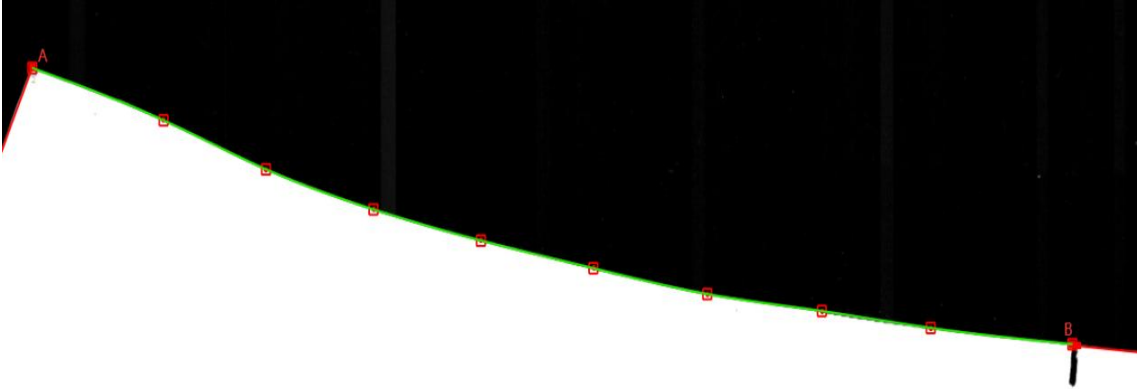
选择线段放在点上按 shift 切换点属性（例：若是曲线，切换成折线）

Select a line segment and place it on a point. Press shift to switch the point properties (e.g. if it is a curve, switch it to a polyline).



边线拖选操作: 左键在 A 点按住, 拖动到 B 点, 选中 A, B 之间所有的控制点

Edge drag operation: Press and hold the left mouse button at point A, drag to point B, and select all control points between A and B.

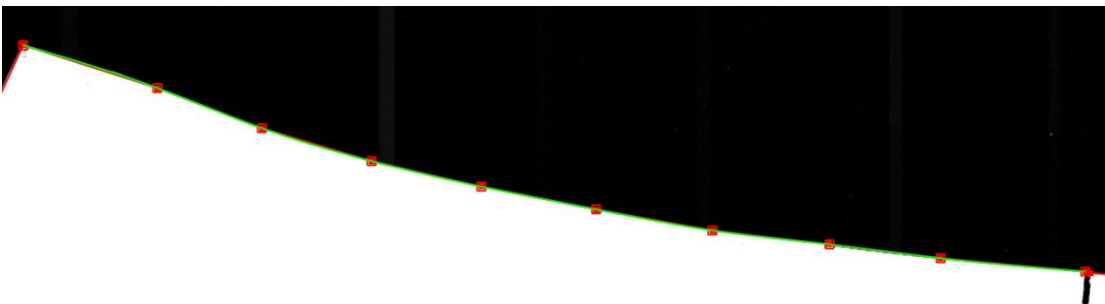


在选中多个控制点的情况下:

按 shift 键, 将 AB 中间点(A,B 点除外)属性进行转换 转折点->曲线点或者曲线点->转折点;

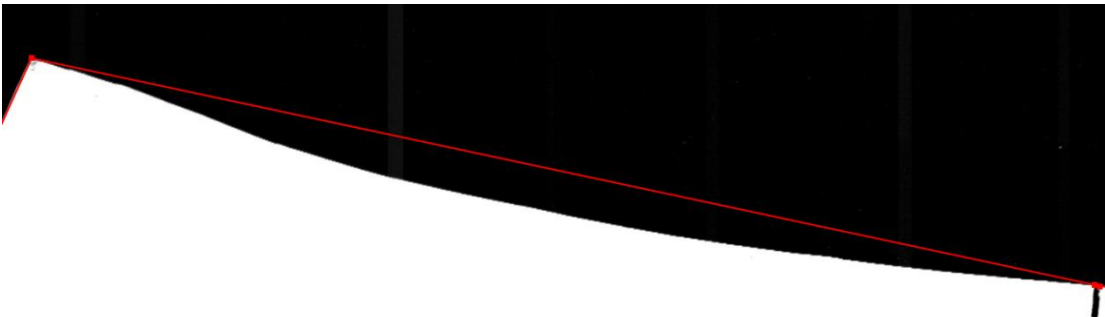
When multiple control points are selected:

Press the shift key to convert the properties of the middle point of AB (except points A and B) from turning point -> curve point or curve point -> turning point;



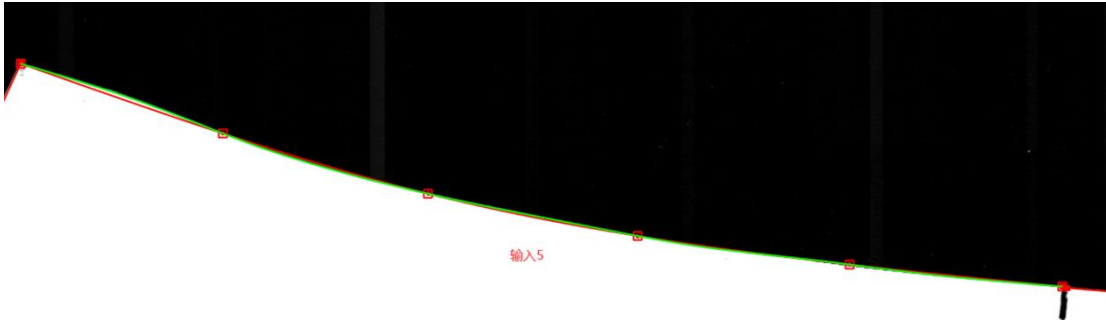
按 delete 键, 将 AB 中间点(A,B 点除外)删除

Press the 'delete' key to delete the middle point of AB (except points A and B)



输入数字(2 -19), 将 AB 之间线段等分给定数量

Enter a number (2 -19) to divide the line segment between AB into a given number of equal parts



(8) 绘制边线——可以添加外轮廓线

(8) Draw edges——You can add outer contour lines



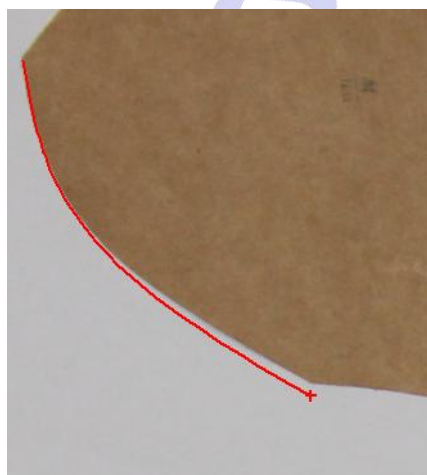
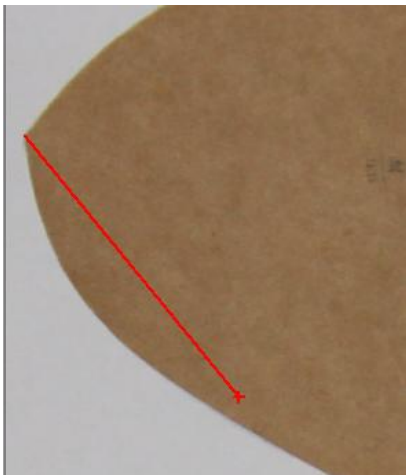
【画边线】单击左键选择该工具，单击可在纸样底图基础上画线（该工具只能画结构线，内部辅助线是画不了的）；

单击一个点上，可拖出一条线段；再单击一点上可形成一条曲线；



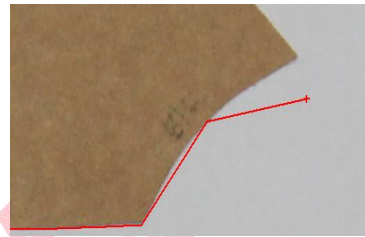
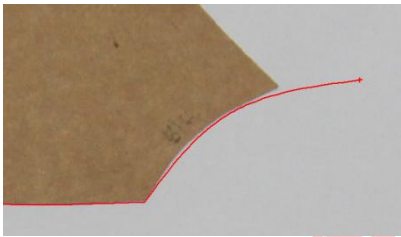
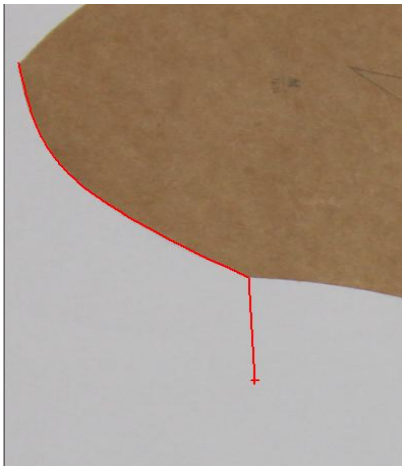
【Draw Edge Line】 Click the left mouse button to select this tool. Click to draw a line based on the pattern base (this tool can only draw structural lines, not internal auxiliary lines);

Click a point to drag out a line segment; click another point to form a curve;



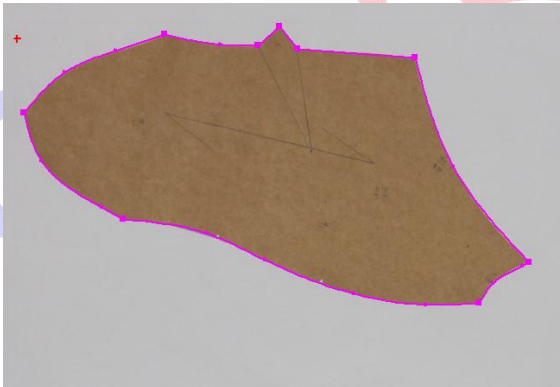
按住 shift 键再单击左键画线时为折线（若是一直按着 shift 画时为折线，若只单击一下为当前画的曲线改成折线）

Hold down the shift key and click the left mouse button to draw a line, which will be a broken line (if you keep pressing the shift key, it will be a broken line, if you only click once, the current curve will be changed to a broken line)



右键结束后自动闭合；

It will close automatically after the right button is completed;



(9) 绘制结构线———添加内部图形

(9) Draw structural lines———Add internal graphics

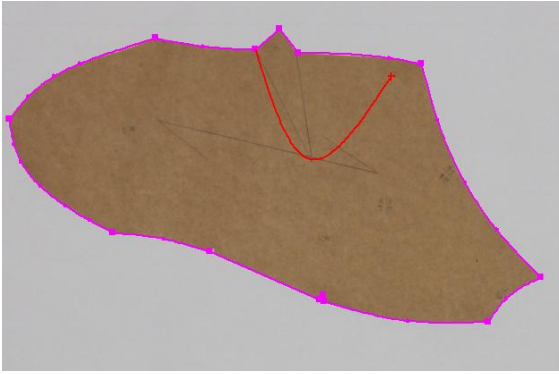


【画辅助线】单击左键选择该工具，单击可在识别好的纸样内部画辅助线（只能在内部才能画线）；单击一个点上，可拖出一条线段；再单击一点上可形成一条曲线；



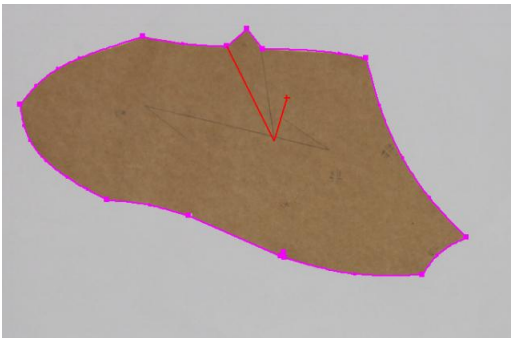
【Draw auxiliary lines】Click the left mouse button to select this tool. Click to draw auxiliary lines inside the recognized pattern (lines can only be drawn inside);

Click a point to drag out a line segment; click another point to form a curve;



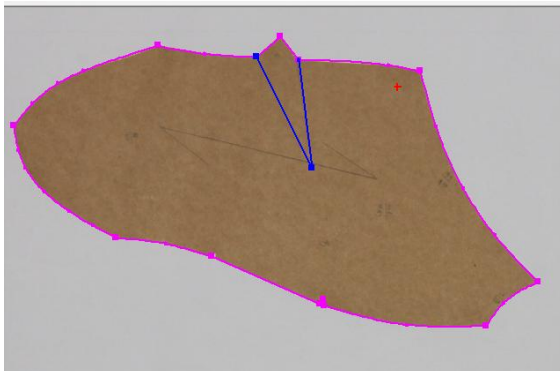
按住 shift 键再单击左键画线时为折线（若是一直按着 shift 画时为折线，若只单击一下为当前画的曲线改成折线）

Hold down the shift key and click the left mouse button to draw a line, which will be a broken line (if you keep pressing the shift key, it will be a broken line, if you only click once, the current curve will be changed to a broken line)



右键结束不会自动闭合；

The right click will not close automatically;



（10）添加布纹线——绘制添加布纹线

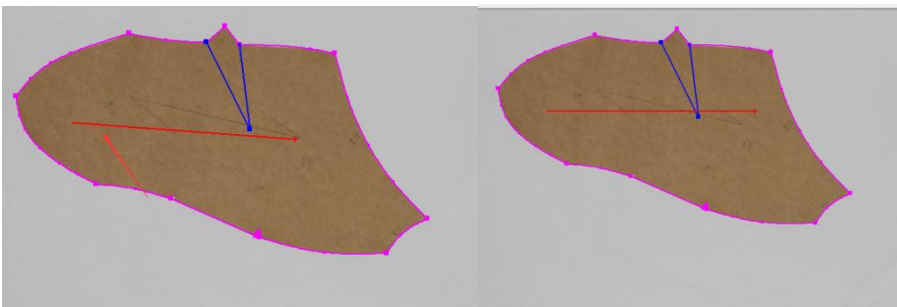
(10) Adding grain lines——Drawing to add grain lines



【布纹线】单击左键选择该工具，在识别好的纸样画布纹线；单击起点拖出纱向线；再按住 shift 键拖动时可以水平垂直/45° 角切换；

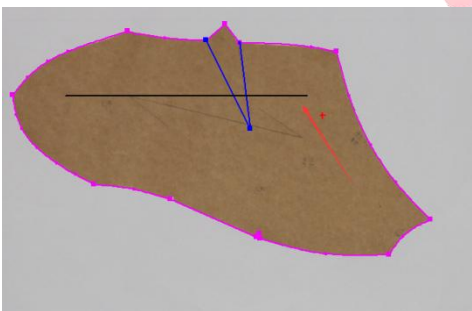


【Cloth Grain Line】Click the left mouse button to select this tool, and draw the cloth grain line on the identified pattern; click the starting point and drag out the yarn direction line; then hold down the shift key and drag to switch between horizontal and vertical/45° angle;



再拖到合适长度，单击左键结束；

Drag it to the appropriate length and click the left button to end;



(11) 添加剪口——指定位置绘制剪口

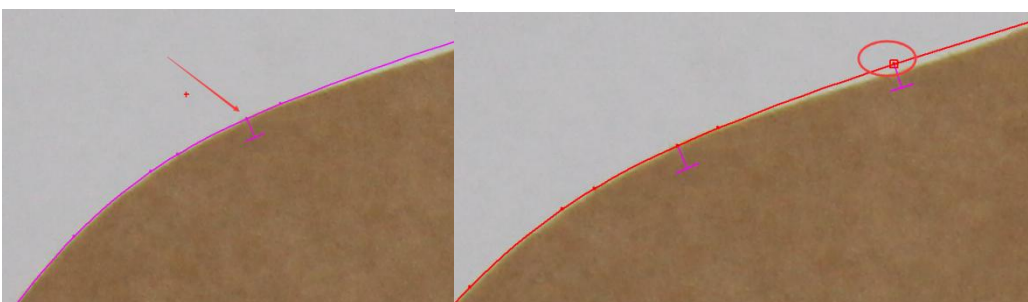
(11) Add a notch——Draw a notch at a specified location



【剪口】单击左键选择该工具，在识别好的纸样边线，单击所需加剪口位置可加剪口（可在点上加或者无点上加剪口，无点处加剪口时，末端会自动生成一个点）；

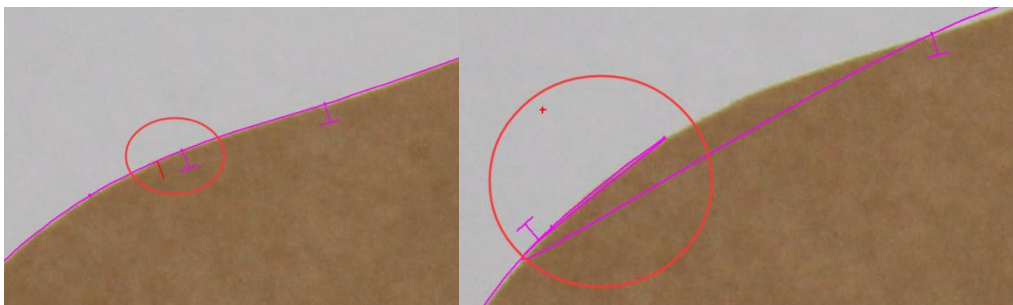


【Notch】Click the left mouse button to select this tool. On the identified pattern edge, click the desired notch position to add a notch (you can add a notch at a point or without a point. When adding a notch at a point without a point, a point will be automatically generated at the end);



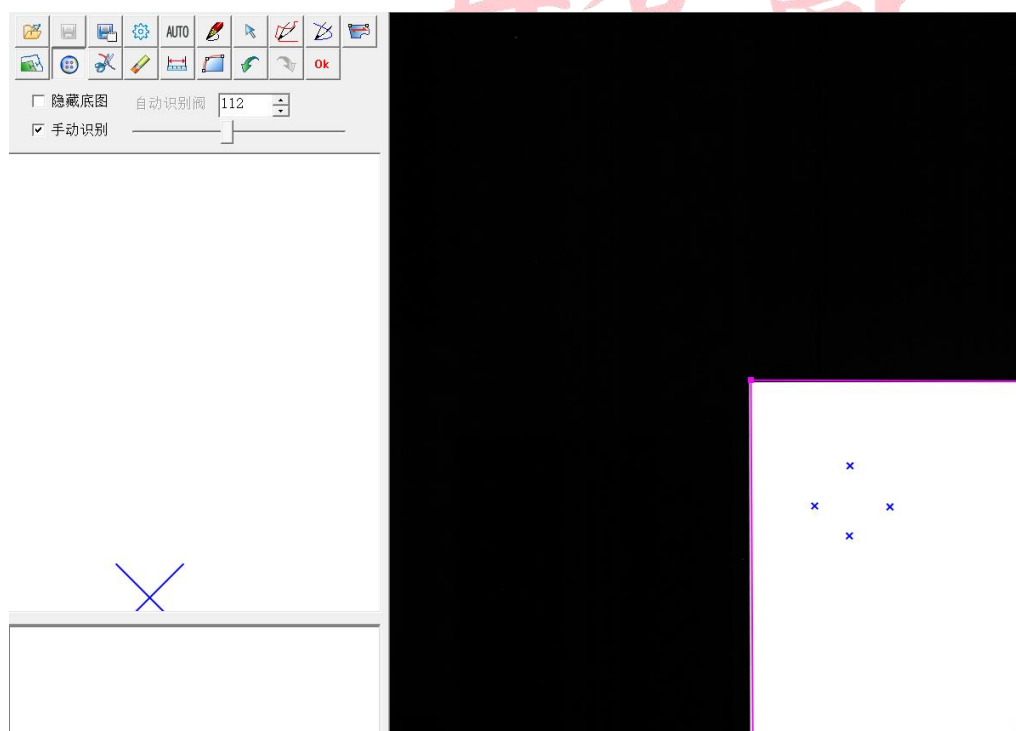
选中该工具情况下单击左键剪口，可拖动剪口（由于剪口末端是辅助点，当移动会经过其它辅助点时会造成线段相叠情况，需在新位置重新打剪口）；

When the tool is selected, click the left button to drag the cut (because the end of the cut is an auxiliary point, when moving through other auxiliary points, it will cause the line segments to overlap, and you need to make a new cut at the new position);



（12）添加扣眼——指定位置绘制扣眼

(12) Add buttonholes——Draw buttonholes at specified locations



（13）剪断/打断——在一点上剪断线或打断线

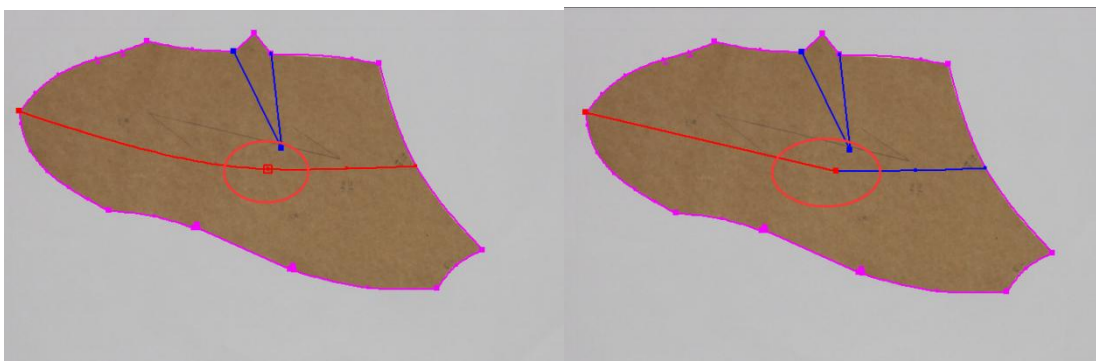
(13) To cut or break a thread at one point



【剪断线】单击左键选择该工具，选择需要剪断的线（闭合的线是不能剪断的）选中之后单击选择需要剪断的点（只能在有点的基础上才能剪断，剪完之后是折点）

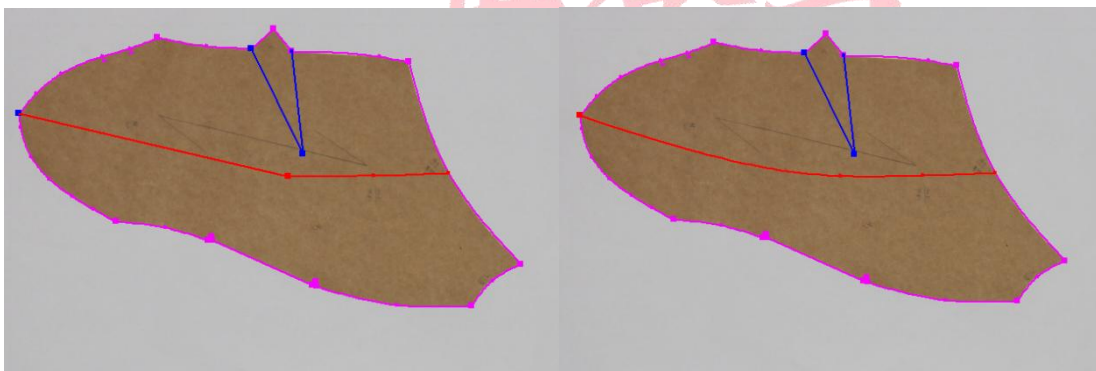


【Cut Line】 Click the left mouse button to select the tool, select the line to be cut (closed lines cannot be cut), and then click to select the point to be cut (it can only be cut on the basis of a point, and it will be a fold point after cutting)



若要连接线的话，可依次单击需要连接的线即可；

If you want to connect lines, click the lines you want to connect one by one.



（14）橡皮擦——擦除多余线段

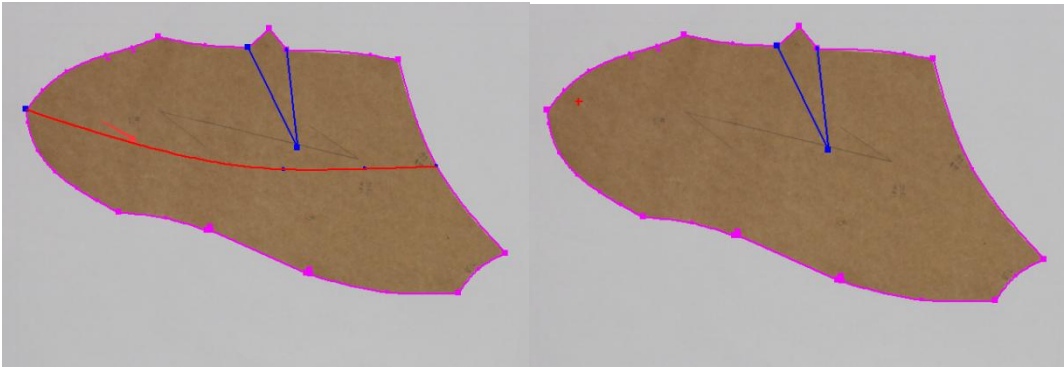
(14) Eraser—Erase unnecessary lines



【橡皮擦】单击左键选择该工具，单击选择需要擦除的线即可；

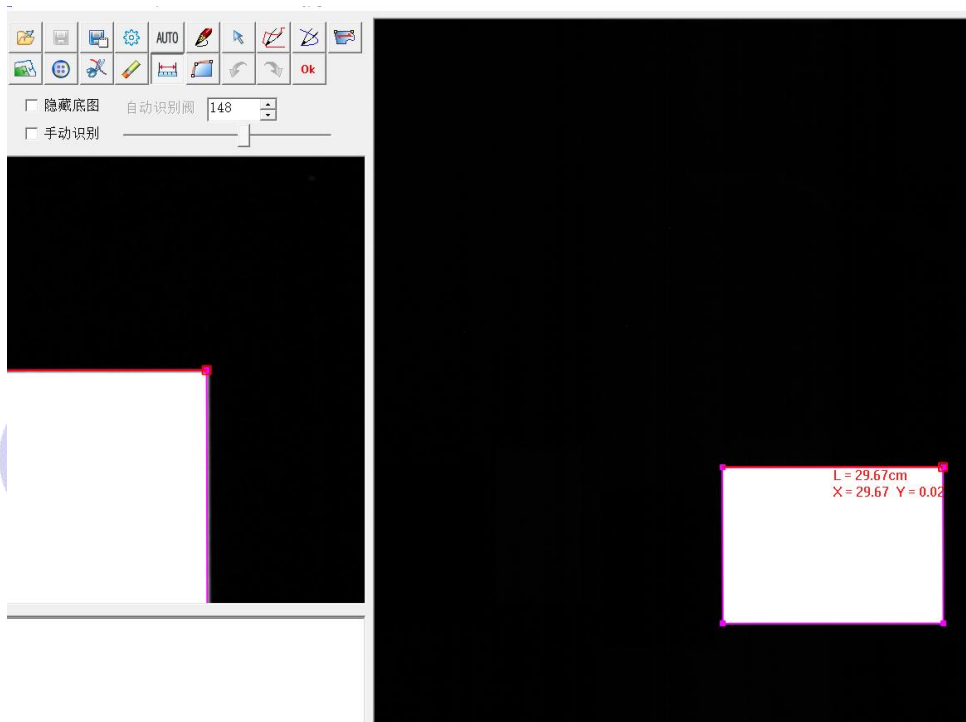


【Eraser】 Click the left mouse button to select this tool, and then click to select the line you want to erase;



(15) 测量—————测量任意两点之间直线距离

(15) Measurement——Measure the straight-line distance between any two points



(16) 顺滑曲线—————选中边线一段（两个转折放码点之间为一段）

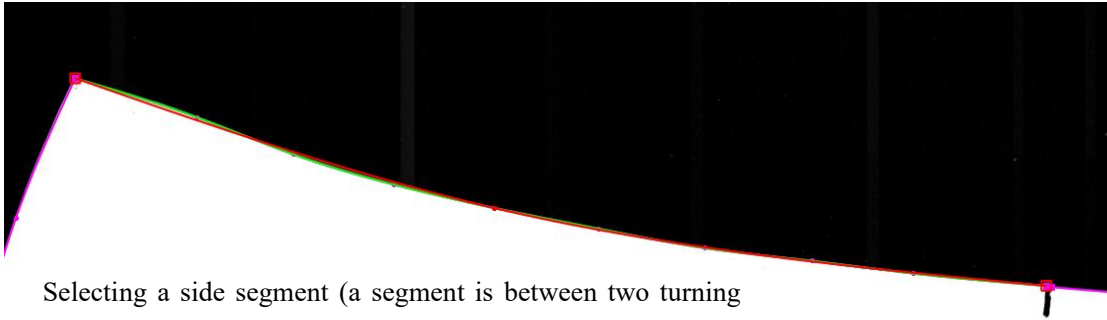
(16) Smooth curve———Select a section of the edge line (a section is between two turning points)



选中边线一段（两个转折放码点之间为一段）



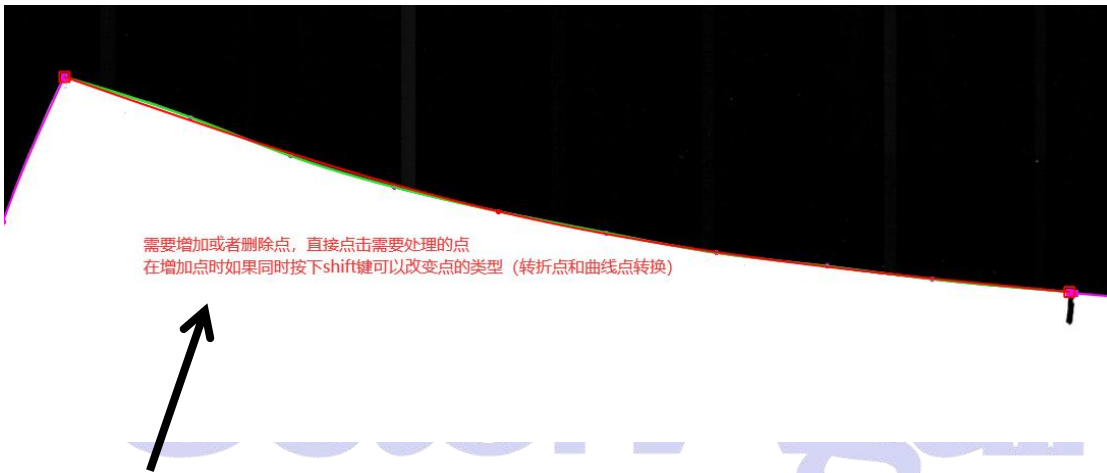
Select a section of the edge (a section is between two turning points)



Selecting a side segment (a segment is between two turning points) will automatically select certain points

软件自动对该曲线顺滑

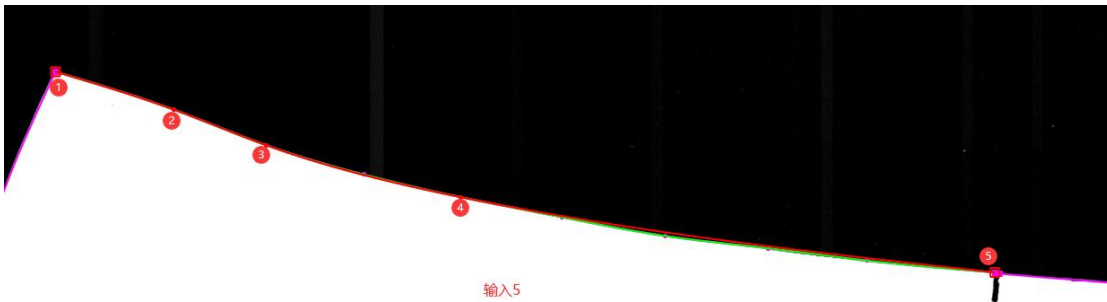
The software automatically smoothes the curve



If you need to add or delete a point, just click on the point you want to process. If you press the shift key while adding a point, you can change the point type (convert between turning point and curve point).

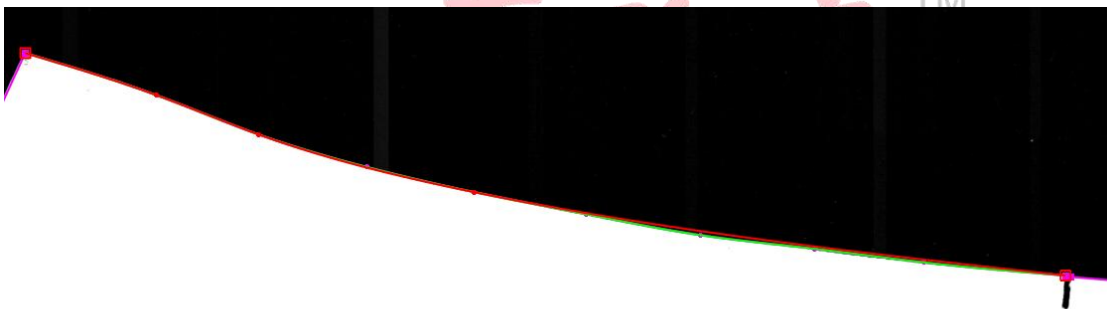
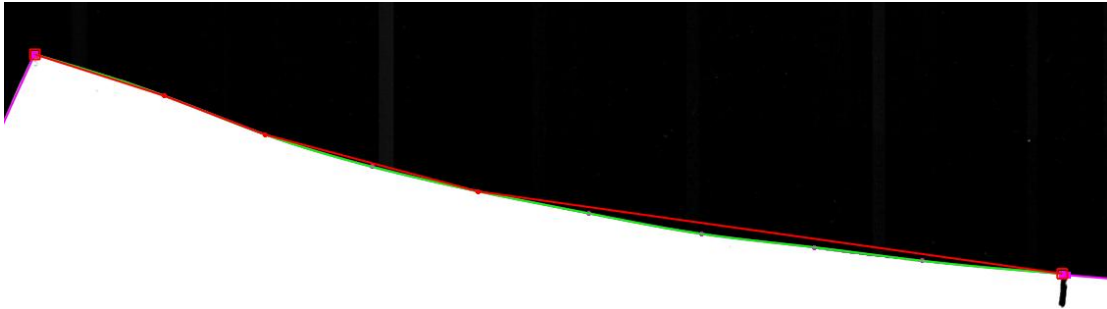
可以通过输入数字(3 -29)，软件自动选中输入数字个数点（点数包含头尾点）

You can enter a number (3 -29), and the software will automatically select the number of points you entered (including the first and last points)



按 shift 键将修改中间点的属性(转折点, 曲线点转换)




Pressing the shift key will modify the properties of the middle point (turning point, curve point conversion)



(17) 上一步—————返回到上一步

(17) Previous step—————Return to the previous step



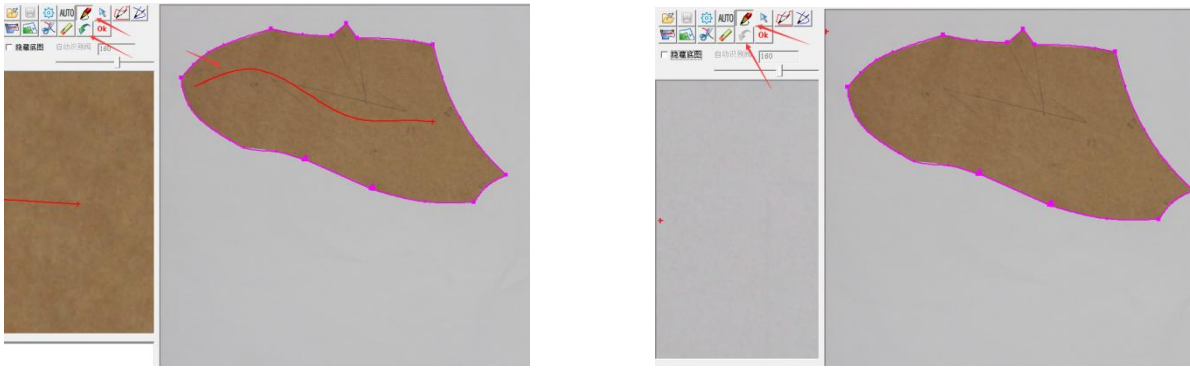
【撤回】该工具只在这三个工具之中画线时才会亮起（其它工具上或是没有画线时是不会亮起的）；



【 Withdraw 】 This tool will light up only when you draw a line on any of these three tools

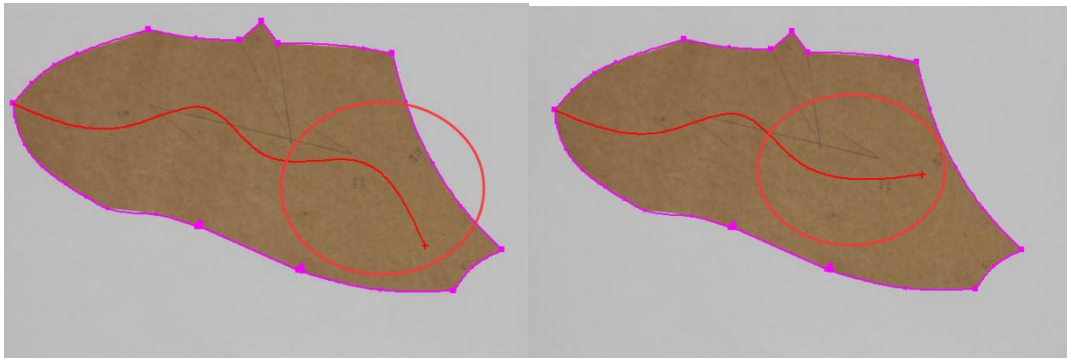


(it will not light up on other tools or when no line is drawn);



在左键画线期间，若想撤回到上一步画线处，单击即可；

If you want to go back to the previous step while drawing a line with the left mouse button, just click once;



(18) 下一步——转到下一步

(18) Next step——Go to the next step

(19) 确认——轮廓确认保存

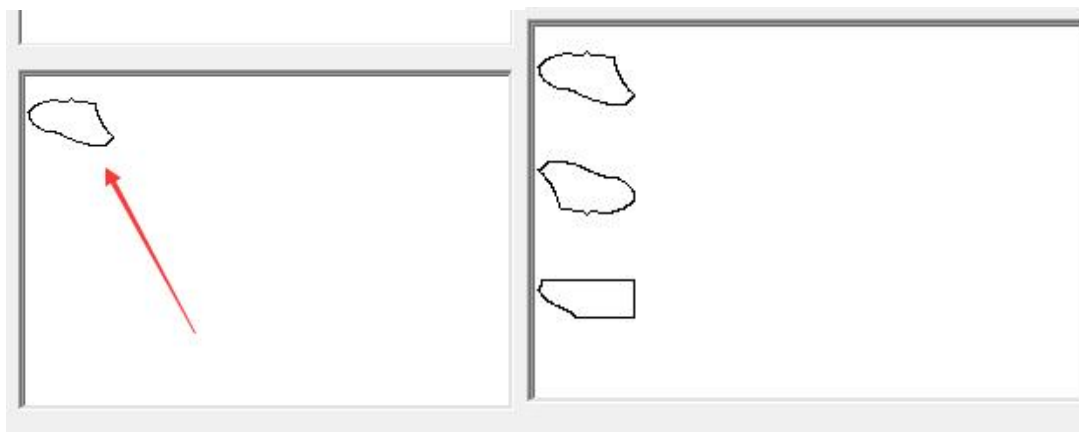
(19) Confirm——Confirm and save the outline



【放入纸样放置区】单击左键选择该工具，（在画好纸样图或是自动识别完毕确定无误要保存之后）纸样放入软件左下角（纸样放置区）放完之后可直接识别下一张纸样图（该纸样图确定之后可与上一个识别完成后的纸样放在一起，可放置多片保存之后打开是在一起的）



【Put in Pattern Placement Area】Click the left mouse button to select this tool. (After drawing the pattern or automatically identifying it and saving it) put the pattern in the lower left corner of the software (pattern placement area). After putting it in, you can directly identify the next pattern (after the pattern is confirmed, it can be placed together with the previous pattern after identification. You can place multiple pieces and save them together after opening)

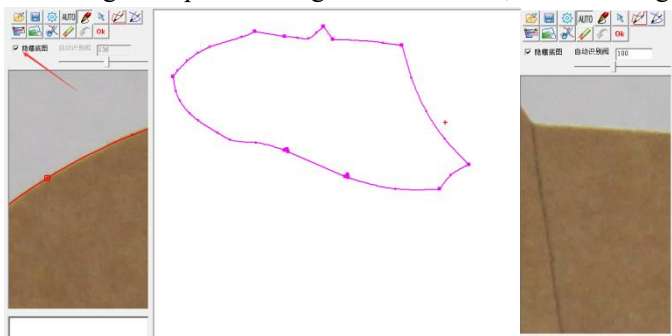


(20) 隐藏底图——隐藏图片，只显示识别的轮廓线

(20) Hide background image——Hide the image and only show the identified contours

☐ 隐藏底图 【隐藏底图】单击左键打钩确定隐藏底图之后，识别的纸样图将隐藏，显示的为已识别完毕的线/空白工作区；

☐ 隐藏底图 【Hide background image】Click the left mouse button to confirm hiding the background image. The recognized pattern image will be hidden, and the recognized lines/blank workspace will be displayed.



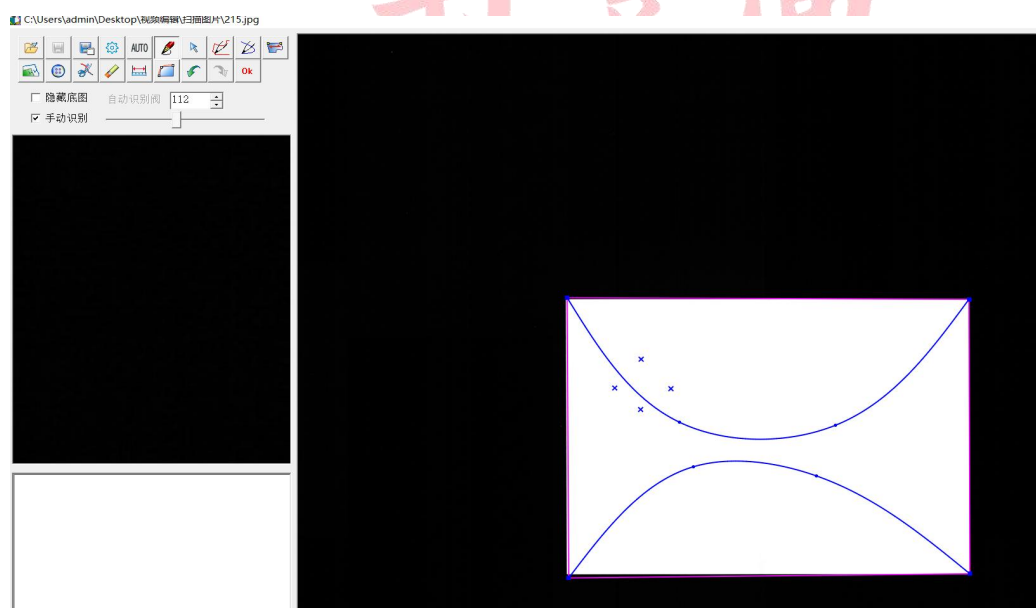
注：选中结构线状态下调整或者加剪口等操作可长按 S 键（需在英文大写输入法状态下）在左边放大镜操作；

Note: To adjust or add cuts when the structure line is selected, long press the ‘S’ key (in the English capital input mode) and operate in the magnifying glass on the left;



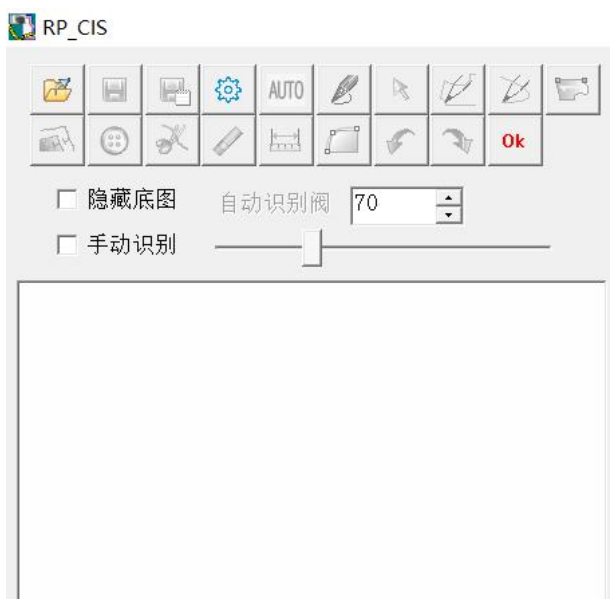
(21) 手动识别———自己增加线条

(21) Manual recognition———add lines yourself



(22) 自动阈值———调节识别细节精度的数值

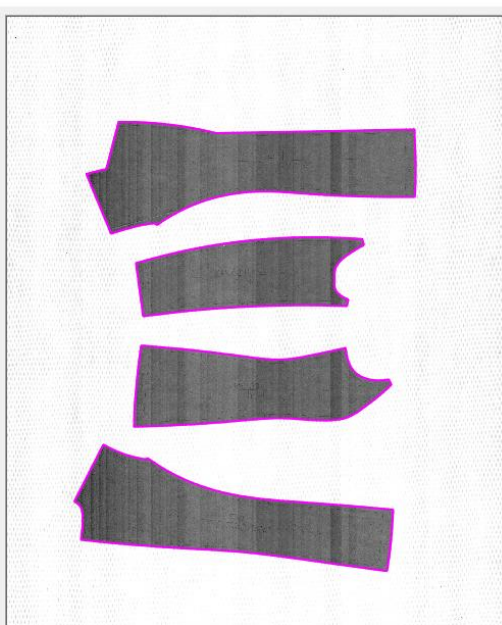
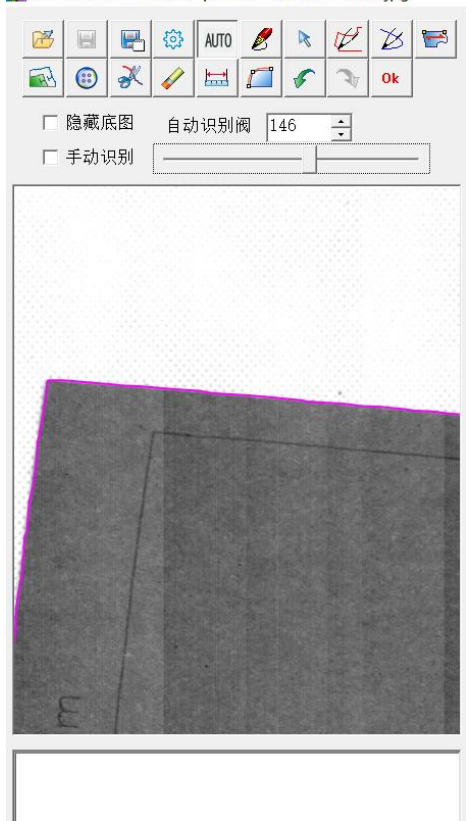
(22) Automatic threshold: adjust the value of the recognition accuracy of details



(23) 局部放大预览栏—根据鼠标位置放大图形

(23) Partial zoom preview bar - zoom in on the graphic based on the mouse position

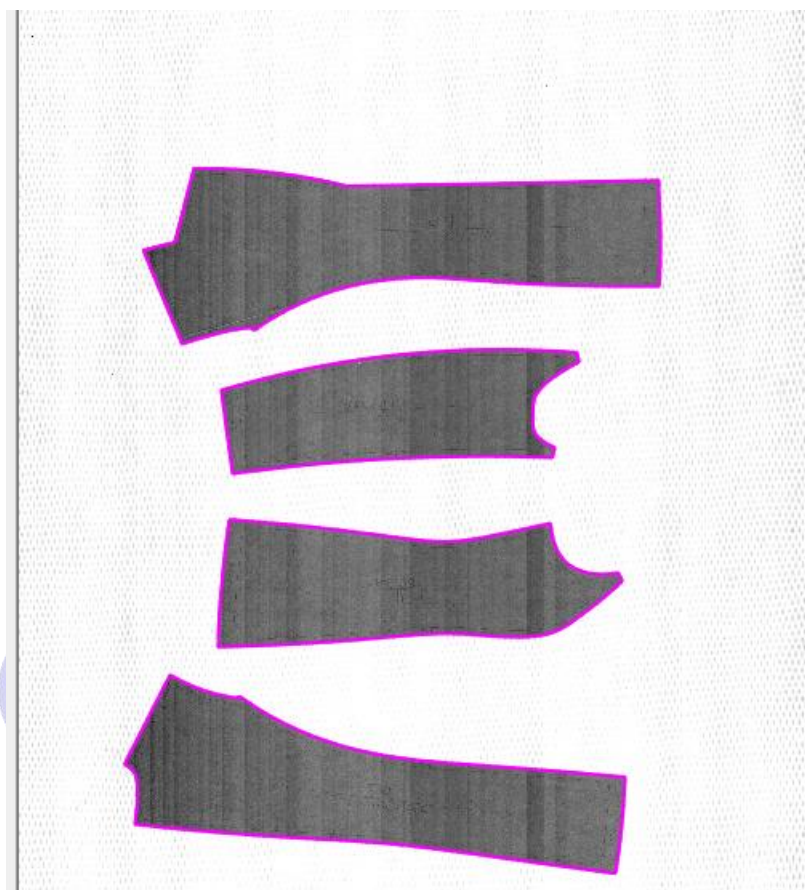
C:\Users\admin\Desktop\视频编辑\扫描图片\123.jpg



in®

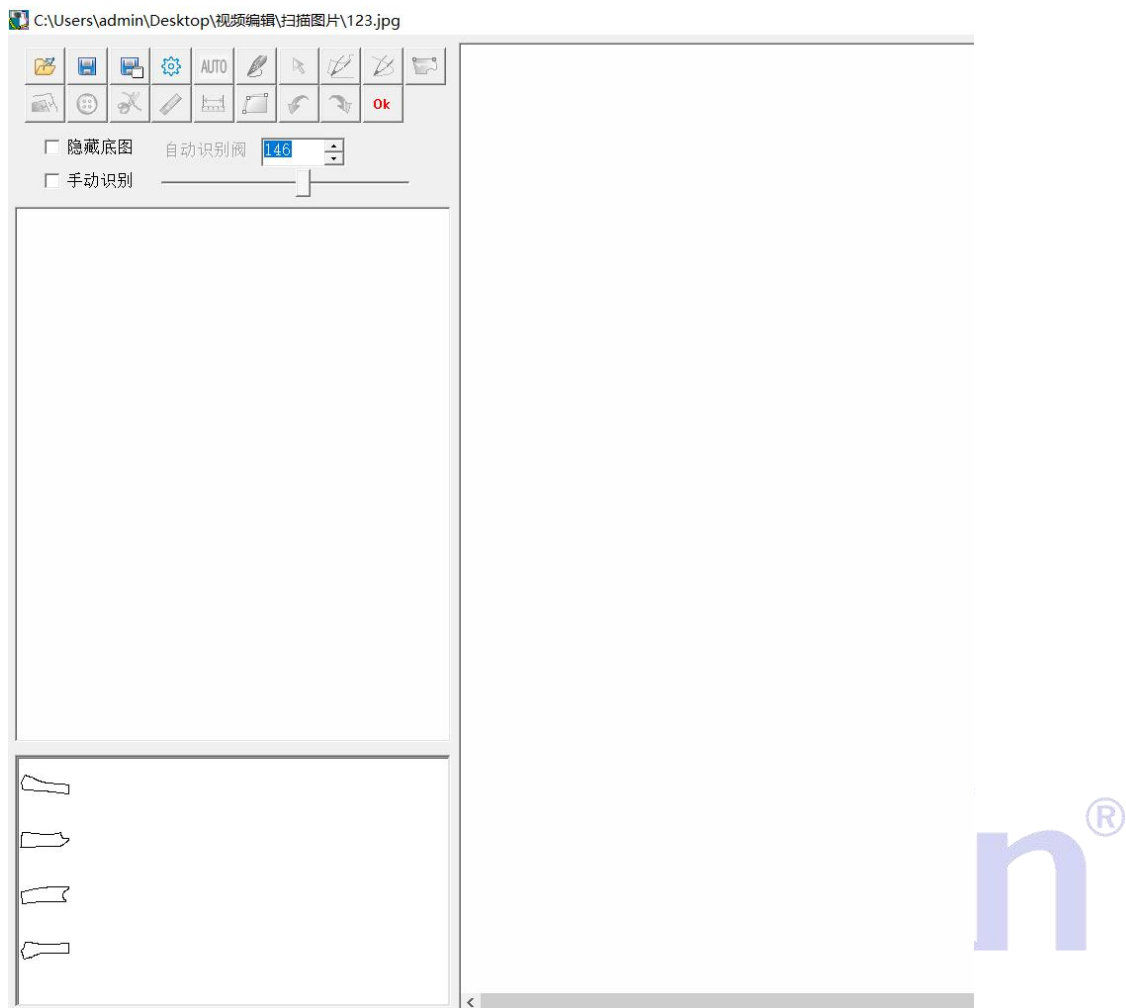
(24) 图片识别预览栏—打开图片识别轮廓后的总预览位置

(24) Image recognition preview bar - the total preview position after opening the image recognition outline



(25) 轮廓识别保存栏—确认好的轮廓图形临时保存位置

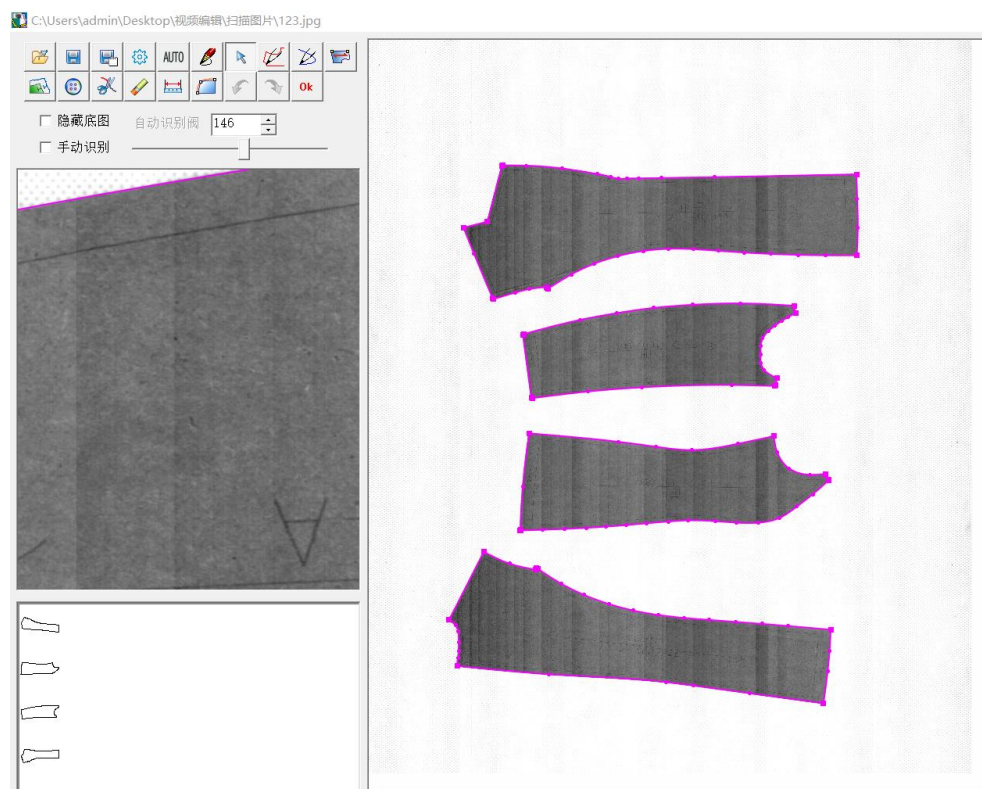
(25) Contour recognition save bar - confirm the temporary save location of the contour graphics



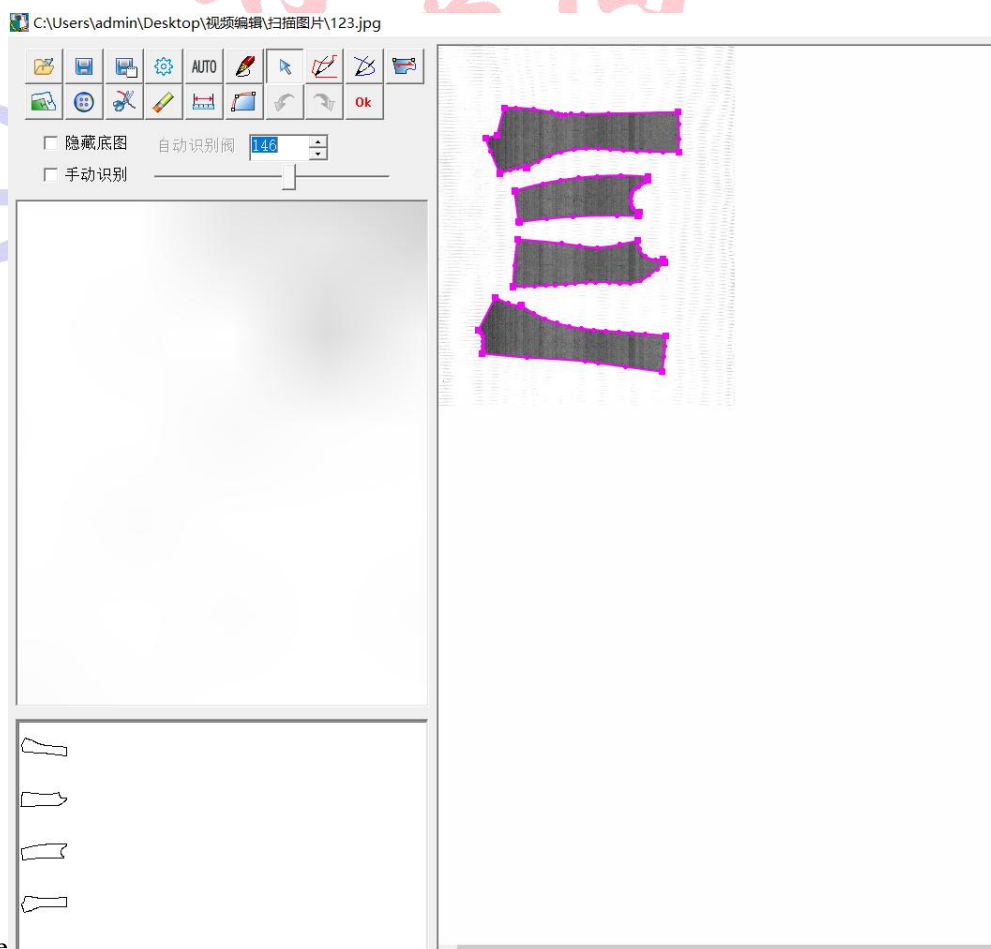
(26) 滚轮放大缩小——放大图片缩小图片

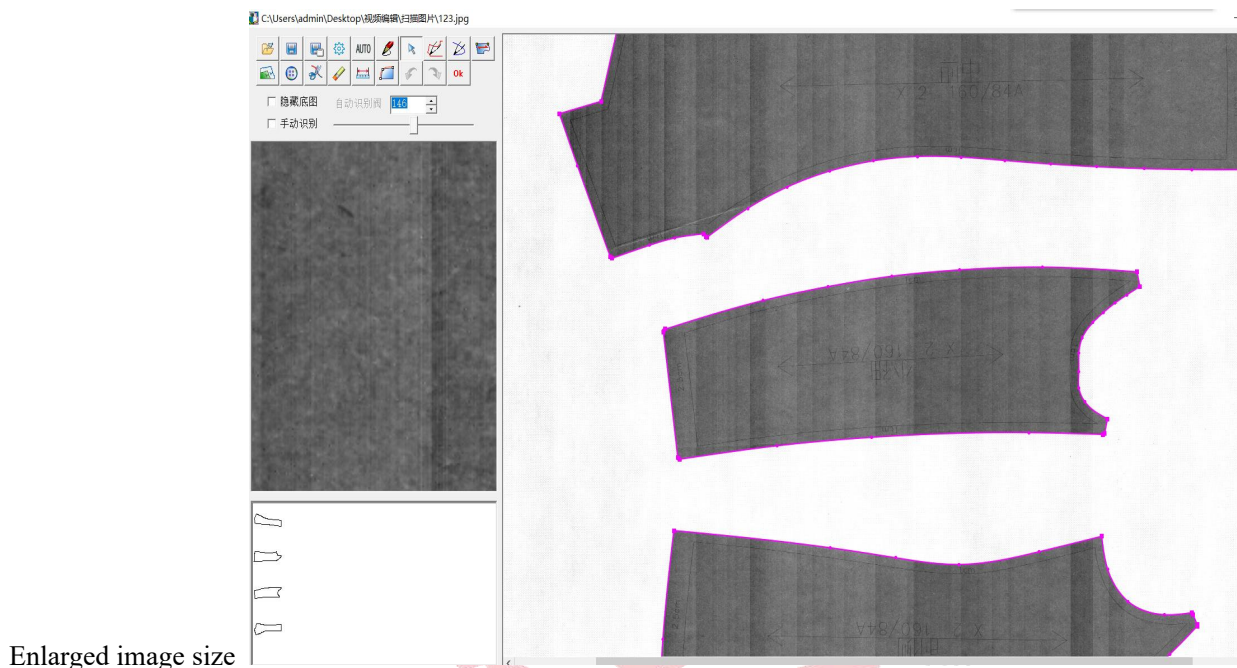
(26) Scroll wheel to zoom in and out: zoom in and out

Normal image size



Reduce image size





(27) 鼠标右键确认 (少数对话框内)

(27) Right click to confirm (in some dialog boxes)

1.2 设置工具介绍

1.2 Setting tool introduction



-
- (1) 输入设备—————根据设备选择（本机型是扫描仪无需更改选择）
- (1) Input device—————Select according to the device (this model is a scanner, so no need to change the selection)
- (2) 图片类型—————根据实际需求识别出的轮廓的样式（一般未识别纸样）
- (2) Image type—————According to the style of the outline recognized according to actual needs (generally, paper samples are not recognized)
- (3) 输入分辨率—————根据具体扫描图片确定参数（默认参数为 150 可以根据扫描图片调整）
- (3) Input resolution—————Determine the parameters according to the specific scanned image (the default parameter is 150 and can be adjusted according to the scanned image)
- (4) 显示设置—————对界面的显示功能的设置
- (4) Display settings—————Set the display function of the interface

1.3 显示设置功能介绍

1.3 Display settings function introduction

设置

×

1

2

3

4

自动识别设置

颜色

显示

快捷键

内轮廓

5

☐ 识别纸样内部轮廓为辅助线

☒ 切割

曲线

圆

6

自动删除辅助线范围(单位:mm 长宽都小于下列值被删除)

长度

20.00

高度

20.00

7

识别最小纸样(单位:mm)

长度

50.00

高度

50.00

8

☒ 线段使用曲线控制点

误差范围

0.50

mm

9

☒ 边线稍光滑纸样

10

☐ 边线有毛刺纸样

11

☒ 自动识别边线剪口

识别剪口的最大最小值(单位:mm)

最小宽度

0.10

最大宽度

3.00

最小深度

0.10

最大深度

3.00

12

☒ 自动修正边线拐角处

13

☒ 自动修正边线干扰

14

修正的最大宽度

1.00

mm

确定

取消

帮助

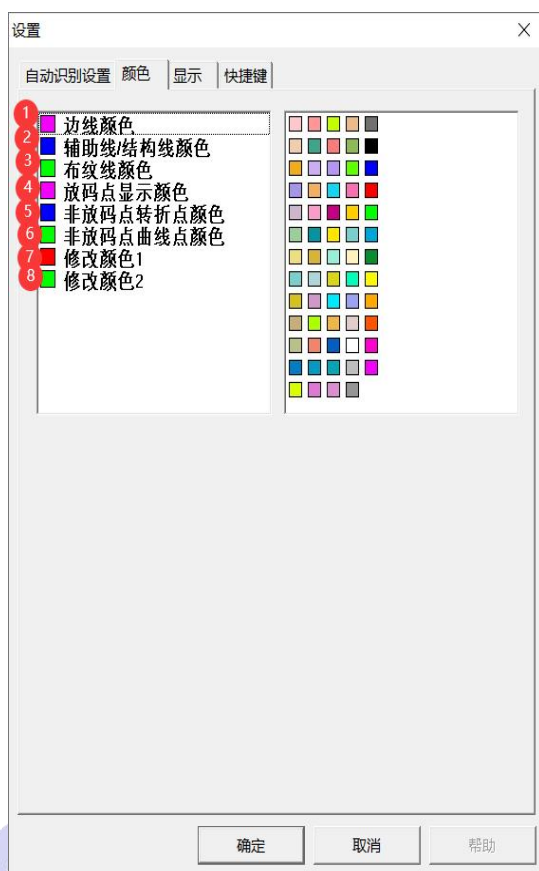
(1) 自动识别设置——内轮廓线的设置

(1) Automatic recognition settings - inner contour settings

33

(2) 颜色——对应线条的颜色设置

(2) Color——Corresponding to the color setting of the line



① 边线——轮廓线颜色（可更换）

① Borderline——Contour line color (changeable)

② 辅助线——样片内部线颜色（可更换）

② Auxiliary line——Sample internal line color (changeable)

③ 布纹线——标注布纹方向的线（可更换）

③ Cloth grain line——Line marking the direction of the texture (changeable)

④ 放码点——放码点颜色（可更换）

④ Grading point——Grading point color (changeable)

⑤ 非放码点转折点——一点被选中后颜色（可更改）

⑤ Non-grading point turning point——Color of the point after it is selected (changeable)

⑥ 非放码点曲线点——一点被选中后颜色（可更改）

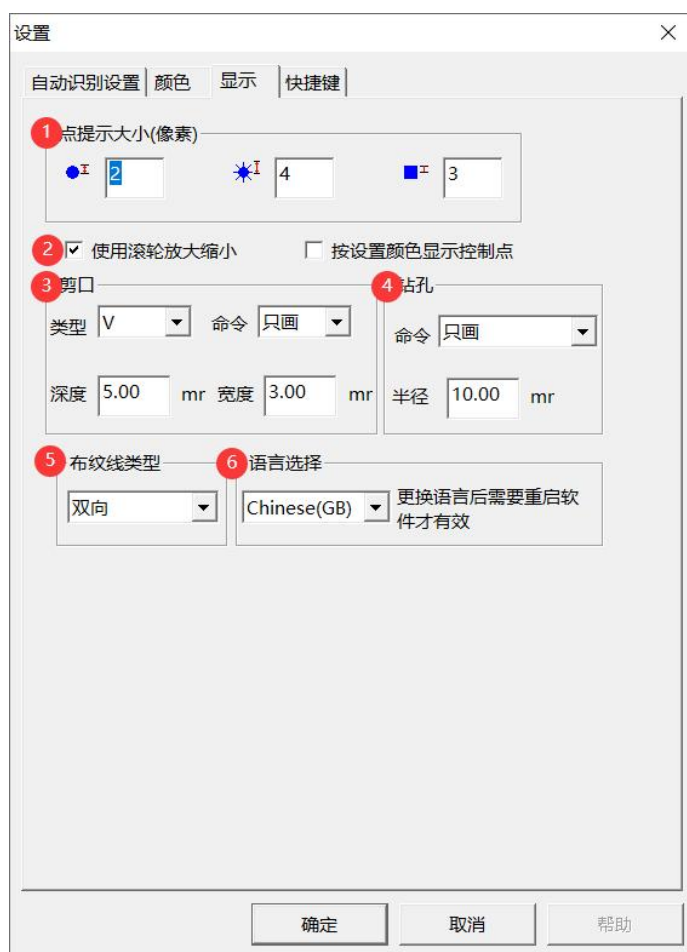
⑥ Non-grading point curve point——Color of the point after it is selected (changeable)

⑦ 修改——线条被选中后的颜色（可更改）

⑦ Modification——Color of the line after it is selected (changeable)

(3) 显示——————对点、线、剪口的显示设置

(3) Display——Setting the display of points, lines and cutouts



① 点识别大小——————定位点、扣眼、转折点大小的更改

① Point recognition size ———— Change the size of positioning points, buttonholes, and turning points

② 使用滚轮放大缩小——————开关

② Use the scroll wheel to zoom in and out——————switch

③ 剪口——————设置剪口类型、命令

③ Notch——————Set notch type and command

④ 钻孔——————设置扣眼命令和大小

④ Drilling——————Set buttonhole order and size

⑤ 布纹线——————设置布纹线形状

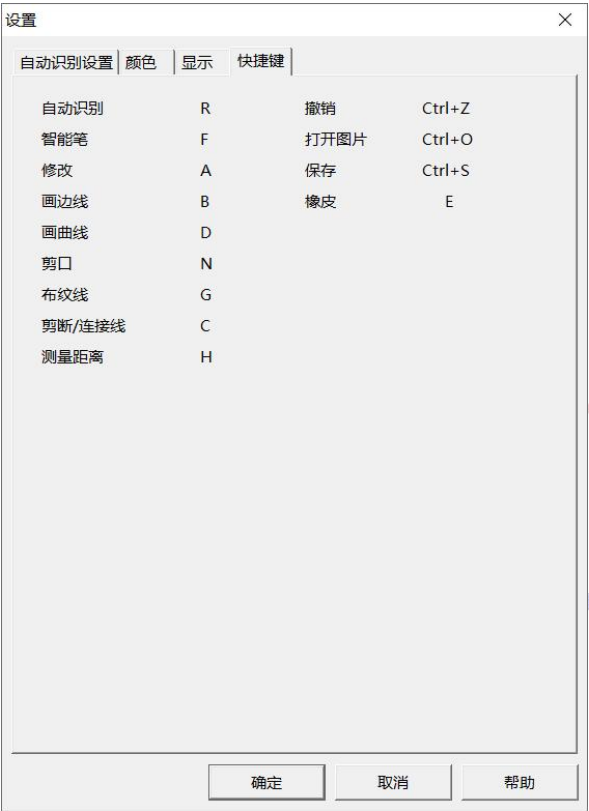
⑤ Cloth grain line——————Set the shape of the cloth grain line

⑥ 语言设置————程序语言的切换

⑥ Language settings————Switch the program language

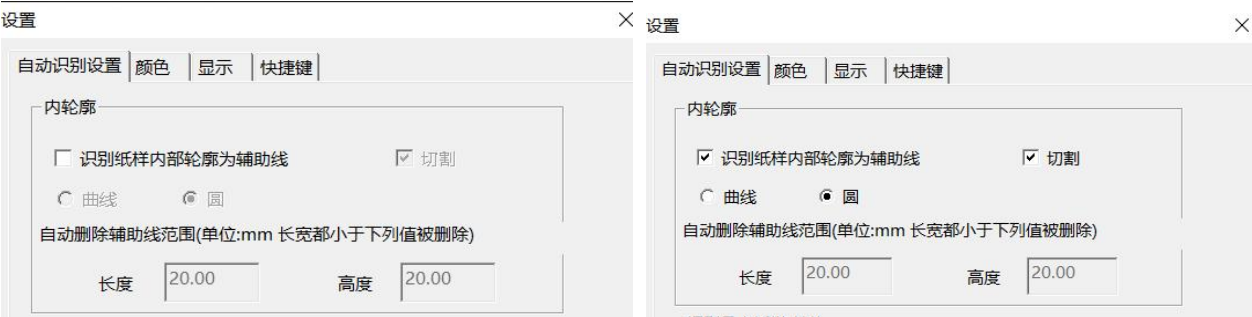
(4) 快捷键————默认快捷键打开方式

(4) Shortcut key————Default shortcut key opening method



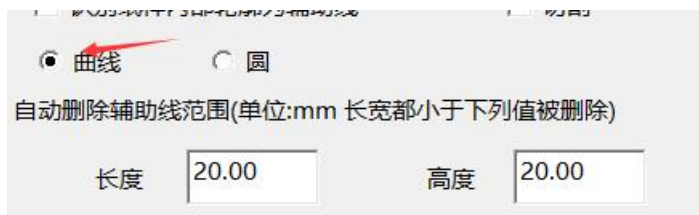
(5) 是否识别纸样内部轮廓为辅助线的选择项

(5) Whether to recognize the internal contour of the pattern as auxiliary lines



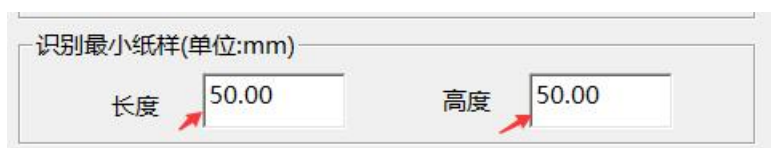
(6) 自动删除辅助线范围选项

(6) Automatically delete auxiliary line range option



(7) 识别最小纸样选项

(7) Identify the minimum paper pattern option



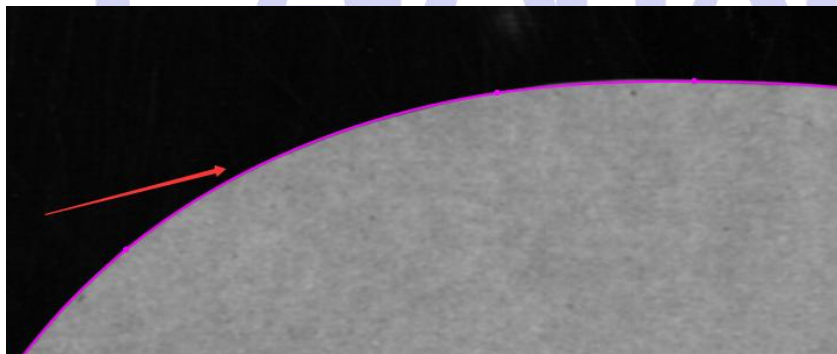
(8) 线段使用曲线控制点

(8) Line segments use curve control points



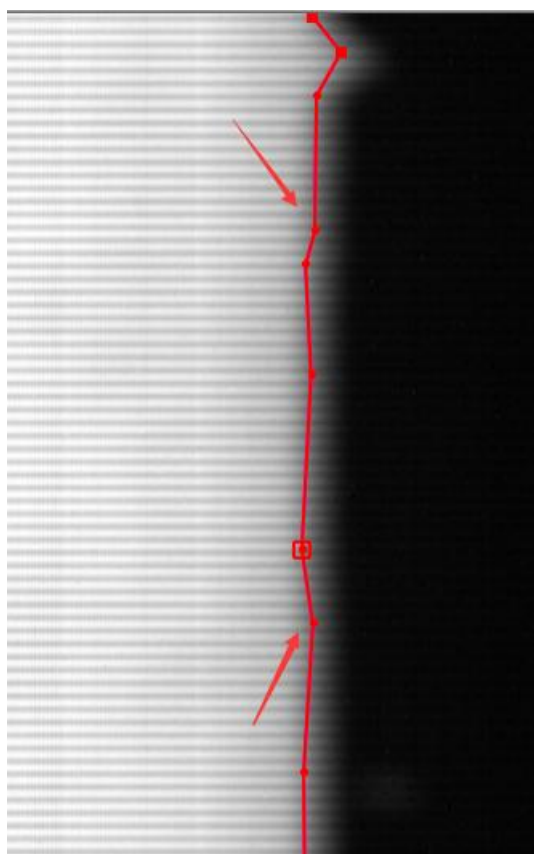
(9) 边线光滑纸样

(9) Pattern with smooth edges



(10) 边线有毛刺纸样

(10) Paper pattern with burrs on the edges



(11) 自动识别剪口设置

(11) Automatic identification of notch settings

☒ 边线稍光滑纸样 ☐ 边线有毛刺纸样

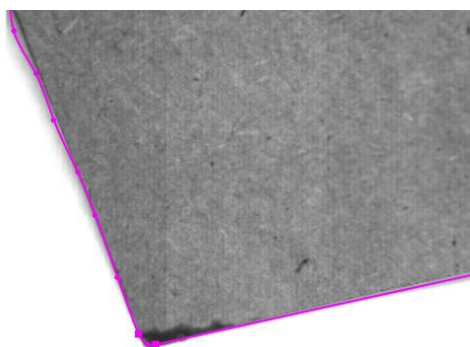
☒ 自动识别边线剪口

识别剪口的最大最小值(单位mm)

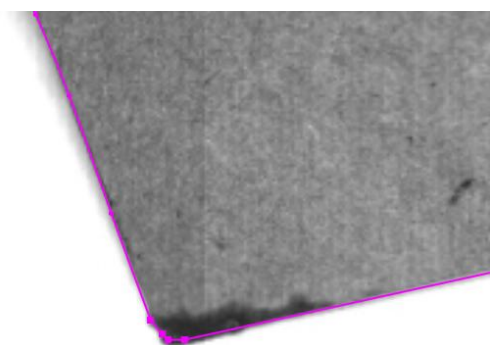
最小宽度	0.10	最大宽度	3.00
最小深度	0.10	最大深度	3.00

(12) 自动修正边线拐角

(12) Automatically correct edge corners

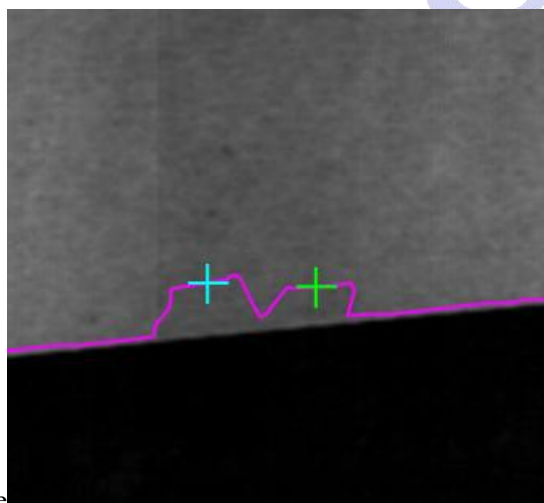


Revision

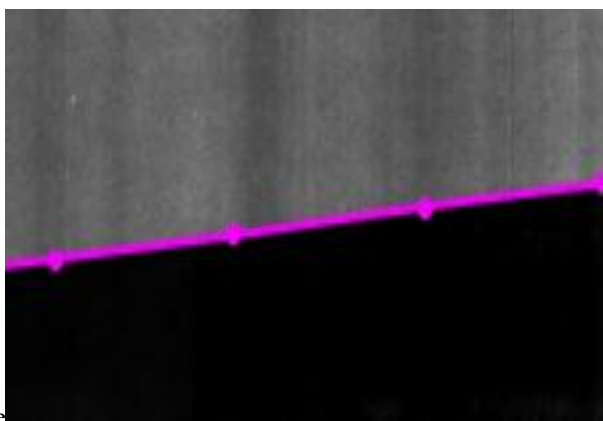


Uncorrected

(13) 自动修正边线干扰选项
(13) Automatic correction of edge interference options



Uncorrected sideline interference



Enable edge correction interference

(14) 修正范围选项（可更改数据）

(14) Correction range option (data can be modified)



登高TM

GetonAgain[®]