XP600 double-headed Calibration tool instructions

Address: 201-206, Building 3, No.1003, Asian Games Avenue, Shiqi Town, Panyu District, Guangzhou City

Company website: http / / www.gz sunyung.com

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catalogue

Chapter I Calibration Tool Software

1.1 Tool running environment

hardware environment:

1、 PC system: win XP / 7 / 8 / 10

2、 Memory: 4.0G of memory

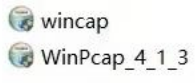
3、 Hard disk space: 100GB hard disk

4、 Computer network card: 100 trillion network

1.2 Installation instructions

1. Install the software environment. 2. Unpress the tool compression kit and perform the installation tool according to the instructions "next"

3. After successful installation, the desktop display tool icon



1.3 Update description

1. Modify the continuous exposure, and delete the abnormal problems

2. Modify the color set and fixed reference channel

3. Improve the import and export configuration function

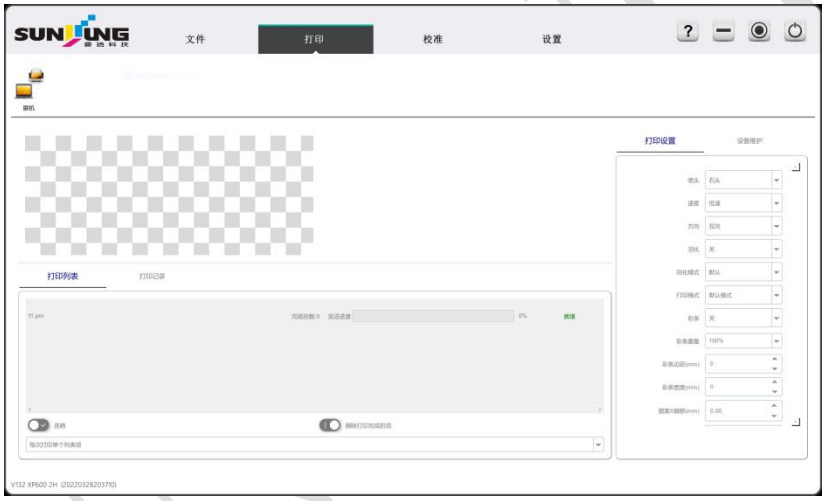
4. Support the new uv mode switching

5. Modify the channel shielding, Y offset exception and other bug

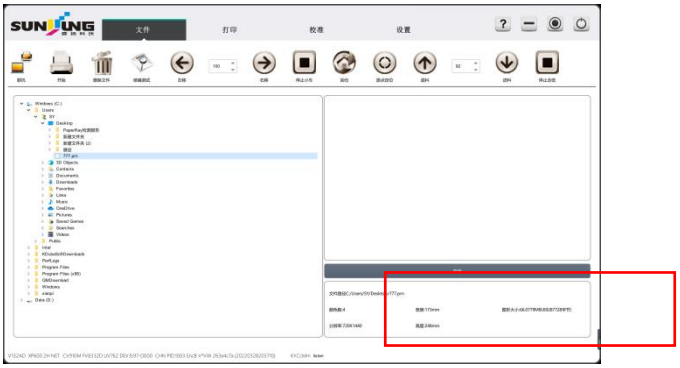
6, With LowRes is supported by 360x720 4pass

1.4 Tool Introduction

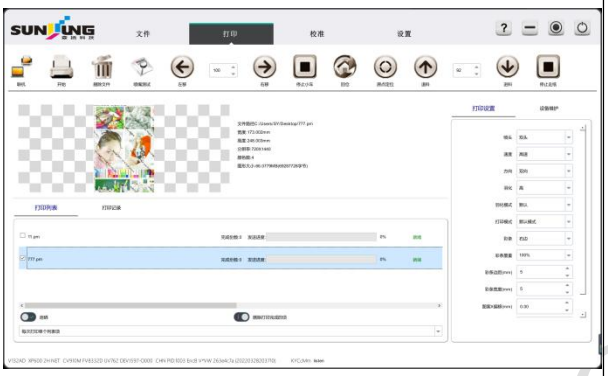
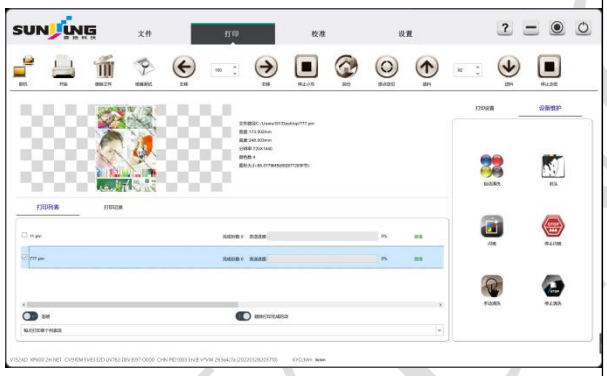
The specific functions and requirements of tools determine the basic idea and overall framework of tool overall design, which is the guiding direction of tool design and the basic goal of tool development. The design of the tool is based on the specific functions and requirements of the tool, and the design of the tool is also developed to achieve the specific functions and requirements of the tool. Therefore, at the beginning of the design, first clarify the specific functions and requirements of the tool. The tool is divided into several modules, divided into "set IP and online" module, "two-way calibration" module, "step calibration" module, "maintenance" module, "print Settings" module, "advanced Settings" module.



Chapter 2 The "File" module description

File parameter interface	
File Add path: Find the file of the file, and double-click File Add.	

Chapter 3 "Print" module description

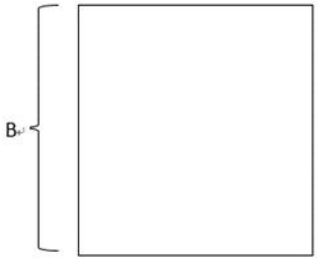
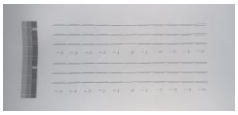
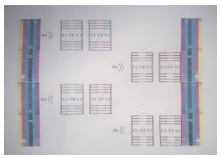
Print interface	 	Icon Description: Online: Print online Start: Start the printing task Delete a file: Delete the printed file Nozzle test: print the test strip Move left: move the car to the left Move right: move the car to the right Stop the car: the car stops moving Back to the warehouse: move the car to the origin position Origin positioning: positioning the location of the car Return material: return paper, feed material: enter paper Stop paper: Stop paper movement Automatic cleaning: conduct the nozzle cleaning action Seal: seal the nozzle Flash spray: the nozzle for flash spray action Stop the flash spray: Stop the flash spray action Manual cleaning: manual cleaning Stop the cleaning: Stop the manual

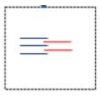
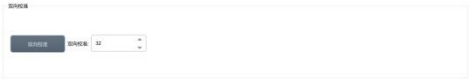
		cleaning Continuous exposure: Multiple task data are combined into one data
Job preview interface		**explain:** Preview the file path, picture length and width, resolution, color number, file size.

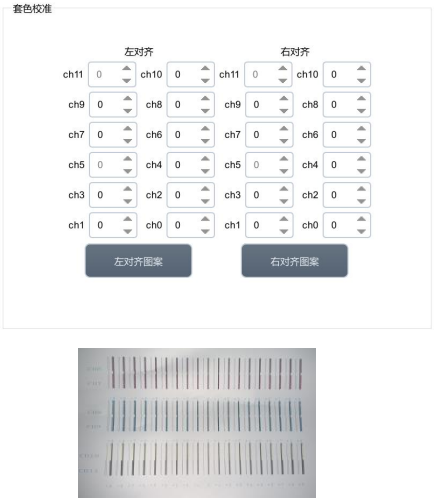
Print the setup interface function description

function	explain
blow head	Selectable nozzle number to print
velocity	You can select speed one or speed two printing
direction	You can choose two-directional printing or one-directional printing
ascend to heaven and become immortal	The edge blur degree can be selected
Feather mode	Default: High feather proportion Mode 1: In the feather proportion Mode 2: Low proportion of emergence
Print mode	You can select the default, uniform, or high-incremental modes
colour bar	Can choose no color bar or left, right, bilateral color bar
Color bar ink volume	The amount of ink produced when printing the color bars
Color edge distance (mm)	The edge distance between the color strip and the print drawing
Color bar width (mm)	The width of the color strip
Pattern X offset (mm)	Sets the offset distance of the X-axis
Pattern Y offset (mm)	Set the offset distance of the Y-axis

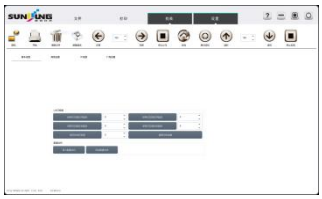
Chapter 4 "Calibration" module description

Calibration interface		
datum mark		**explain:** You can choose the color of the base color and the size of the base point.
Step-in calibration	  	**Step-in calibration:** Click "Step Calibration" button to confirm the step calibration, fill the distance B (unit: mm) in the measured step calibration box in "Test Distance", and click "Calculation". **Step-in fine-tuning:** Click the "Step fine tuning" button, print the step fine tuning calibration bar, match the corresponding value to fill in the fine tuning box, click "calculation", click the "save" button in the step in calibration after debugging.
Institutional calibration	Horizontal line test: 	Operation method: After printing the calibration map, watch the interface between C1 and C1, C 1 and C7 using the magnifier. Schematic diagram of the correct position of the spray nozzle:

		 
	Perpendicular face test: 	Operation method: after printing out the vertical surface calibration map, watch the corresponding value, the correct position is the left and right value is the same, if the left and right values are not the same, the car bottom plate is uneven, the value is large, corresponding to the other side of the bottom plate.
	vertical checkout: 	method of operation: Print the vertical test strip and see the line connection. Schematic diagram of the correct position of the spray nozzle: 
	Institutional testing: 	method of operation: Print an advanced two-way calibration to see if the lines at '0' overlap.
Two-way calibration	 	**method of operation:** Print two-way calibration, the two-way value is accurate at "0", the line is consistent, if not consistent, the line to find the line according to the trend, write the

		corresponding value increase or decrease to the two-way calibration box.
Horizontal spacing calibration		**method of operation:** Print the horizontal spacing test strip, when the two-way value is accurate at "0", the line is consistent, if not consistent, then find the consistent group of lines according to the trend, write the corresponding value increase or decrease to the two-way calibration box.
Vertical spacing calibration		**Double-head vertical spacing:** Control two heads to overlap together in the Y direction. **First 1 / Head 2 internal vertical:** The control head interior overlap together in the Y direction.
Colour calibration		**method of operation:** The default is "0", select the nozzle print calibration bar, view the corresponding line group in CH0 CH15 to fill in the corresponding box.

Chapter 5 "Setting up" module description

Basic Settings		**UV lamp control:** See another UV lamp manual for detailed description. Profile: Import Profile: Will.Import the pfg file into the tool.Export profile: the tool parameters to.Save the pfg format file to the computer.
advanced setup		Voltage type: Select the different waveforms according to the different inks. Voltage adjustment: the voltage can be appropriately adjusted to change the ink intensity, the voltage is limited to between 450 and 600. Channel Configuration: Select a white or double color. Ink sequence: Arrange from left to right according to the panel test bar color, fill from top to bottom. Double-head ink order: Arrange from left to right according to the color of the panel test bar, and fill from top to bottom. Print flash spray switch: / Print Flash points: / Empty data flash spray interval: / Consistent starting point: Determine the consistent printing starting point / default at different resolutions. Platform reset: determine the print starting point at the current location / reset. White jump: Select whether to print the picture space. UV light offset: It needs to be turned on when provided with a UV light. Empty pass: After printing drawings, continue to set pass number (no ink)

IP set up		Automatically acquire the IP / manual input IP
Manufacturer Settings		**Change Port:** Enter the TCP / IP address and port number, click "Apply" button, the port changed successfully.