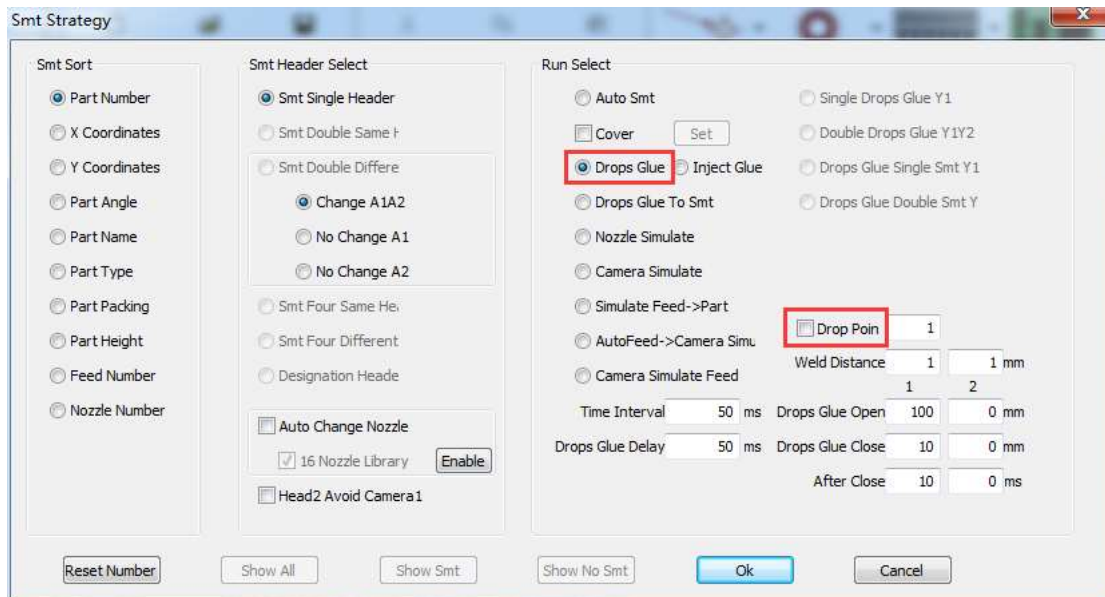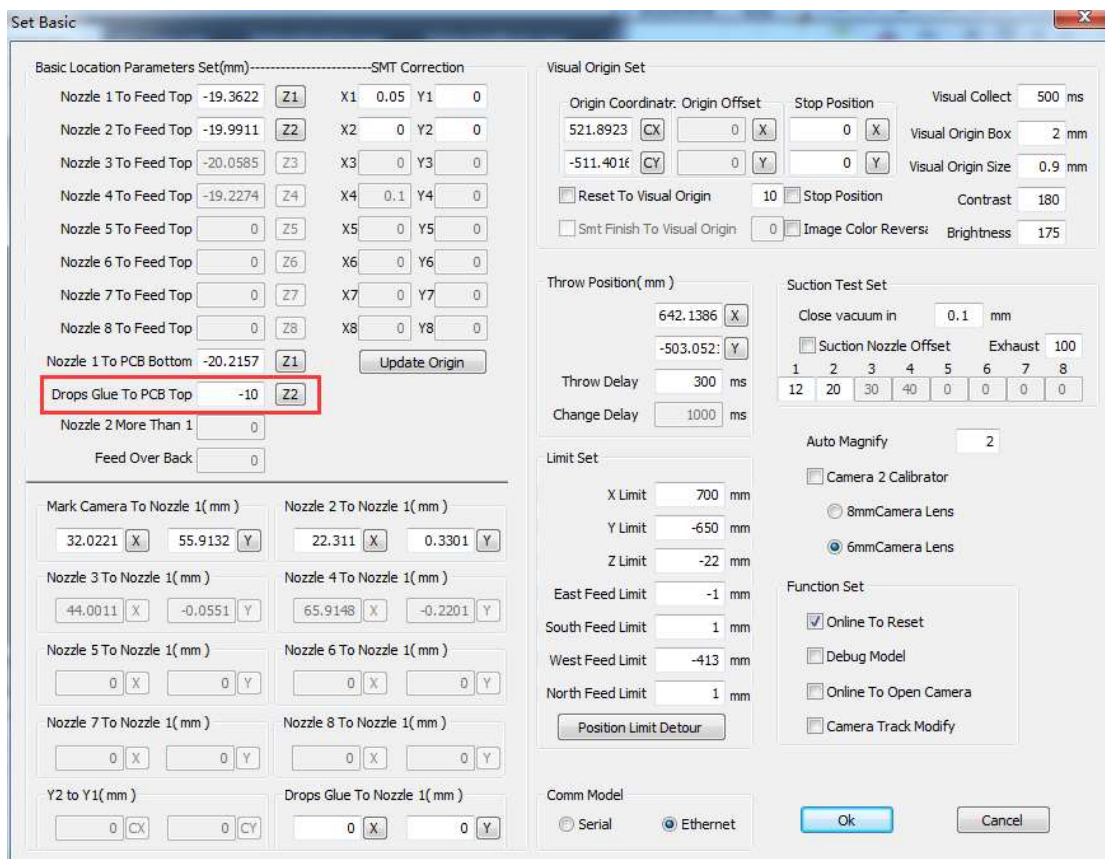# Dispensing Function Description
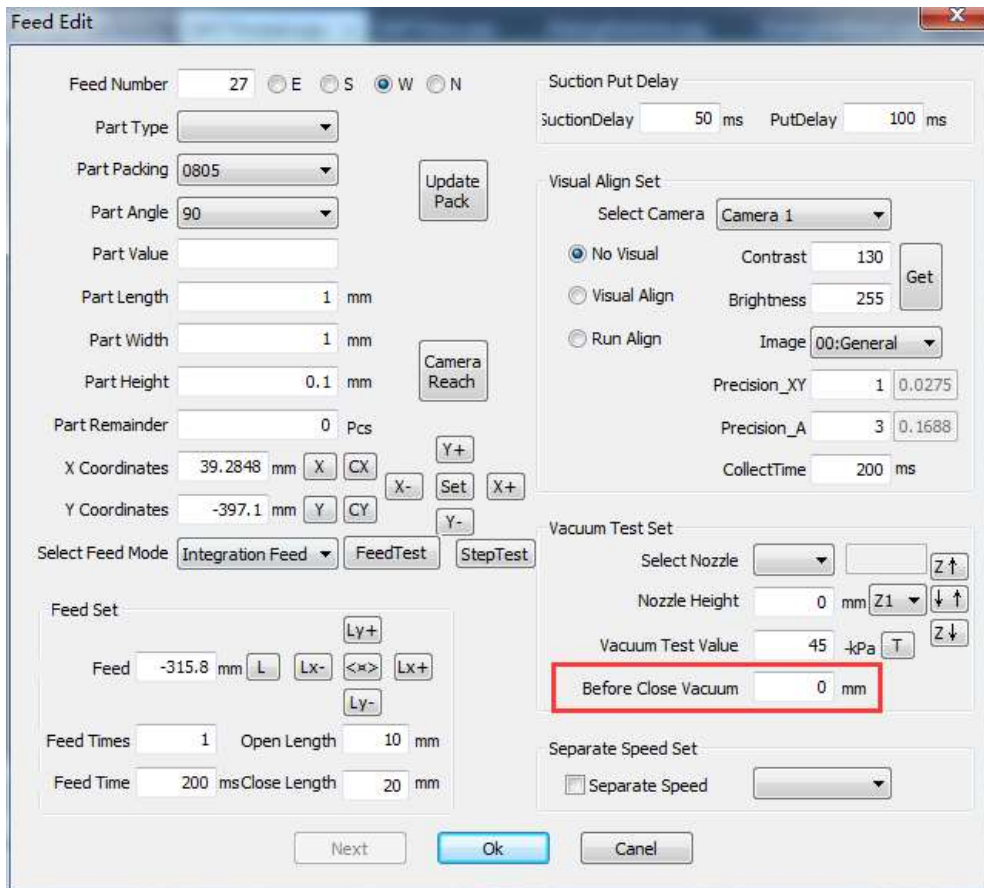
Dispensing Method 1.

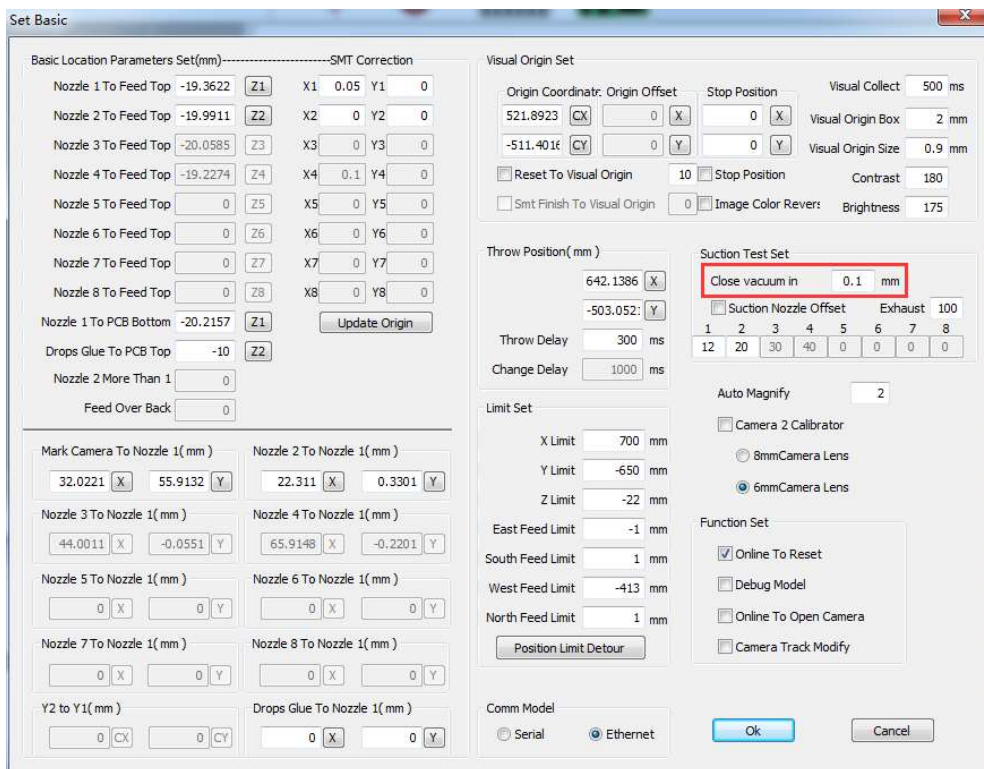Method 1 when the number of dots is not selected.

The height of the dispensing head to the PCB surface, each time the dispensing head drops to this setting.

Working process: opening the solenoid valve at the start of the drop.

Close the solenoid valve when the vacuum closes early or, if no value is set, take the value in the basic setting.

Drain delay time and wait another time interval.

Feed Edit

Feed Number	27	⚪E ⚪S ⚫W ⚪N
Part Type	▼	
Part Packing	0805 ▼	
Part Angle	90 ▼	Update Pack
Part Value		
Part Length	1 mm	
Part Width	1 mm	
Part Height	0.1 mm	Camera Reach
Part Remainder	0 Pcs	
X Coordinates	39.2848 mm [X] [CX]	[Y+]
Y Coordinates	-397.1 mm [Y] [CY]	[X-] [Set] [X+] [Y-]

Select Feed Mode Integration Feed ▼ [FeedTest] [StepTest]

Feed Set

[Ly+]
Feed -315.8 mm [L] [Lx-] [<=>] [Lx+]
[Ly-]

Feed Times	1	Open Length	10	mm
Feed Time	200 ms	Close Length	20	mm

Suction Put Delay

SuctionDelay 50 ms   **PutDelay 100 ms**

Visual Align Set

Select Camera Camera 1 ▼
⚫ No Visual   Contrast 130   [Get]
⚪ Visual Align   Brightness 255
⚪ Run Align   Image 00:General ▼
Precision_XY 1 0.0275
Precision_A 3 0.1688
CollectTime 200 ms

Vacuum Test Set

Select Nozzle	▼	[Z↑]
Nozzle Height	0 mm	Z1 ▼ [↓ ↑]
Vacuum Test Value	45 -kPa [T]	[Z↓]
Before Close Vacuum	0 mm	

Separate Speed Set

☐ Separate Speed ▼

[Next] [Ok] [Canel]

Smt Strategy

Smt Sort
- ⚫ Part Number
- ⚪ X Coordinates
- ⚪ Y Coordinates
- ⚪ Part Angle
- ⚪ Part Name
- ⚪ Part Type
- ⚪ Part Packing
- ⚪ Part Height
- ⚪ Feed Number
- ⚪ Nozzle Number

Smt Header Select
- ⚫ Smt Single Header
- ⚪ Smt Double Same H
- ⚪ Smt Double Differe
  - ⚫ Change A1A2
  - ⚪ No Change A1
  - ⚪ No Change A2
- ⚪ Smt Four Same He
- ⚪ Smt Four Different
- ⚪ Designation Heade

☐ Auto Change Nozzle
  ☑ 16 Nozzle Library [Enable]
☐ Head2 Avoid Camera1

Run Select
- ⚫ Auto Smt
- ☐ Cover [Set]
- ⚪ Drops Glue ⚪ Inject Glue
- ⚪ Drops Glue To Smt
- ⚪ Nozzle Simulate
- ⚪ Camera Simulate
- ⚪ Simulate Feed->Part
- ⚪ AutoFeed->Camera Simu
- ⚪ Camera Simulate Feed

Time Interval	**50**	**ms**
Drops Glue Delay	**50**	**ms**

- ⚪ Single Drops Glue Y1
- ⚪ Double Drops Glue Y1Y2
- ⚪ Drops Glue Single Smt Y1
- ⚪ Drops Glue Double Smt Y

☐ Drop Poin 1
Weld Distance 1   1 mm
              1   2
Drops Glue Open 100   0 mm
Drops Glue Close 10   0 mm
After Close 10   0 ms
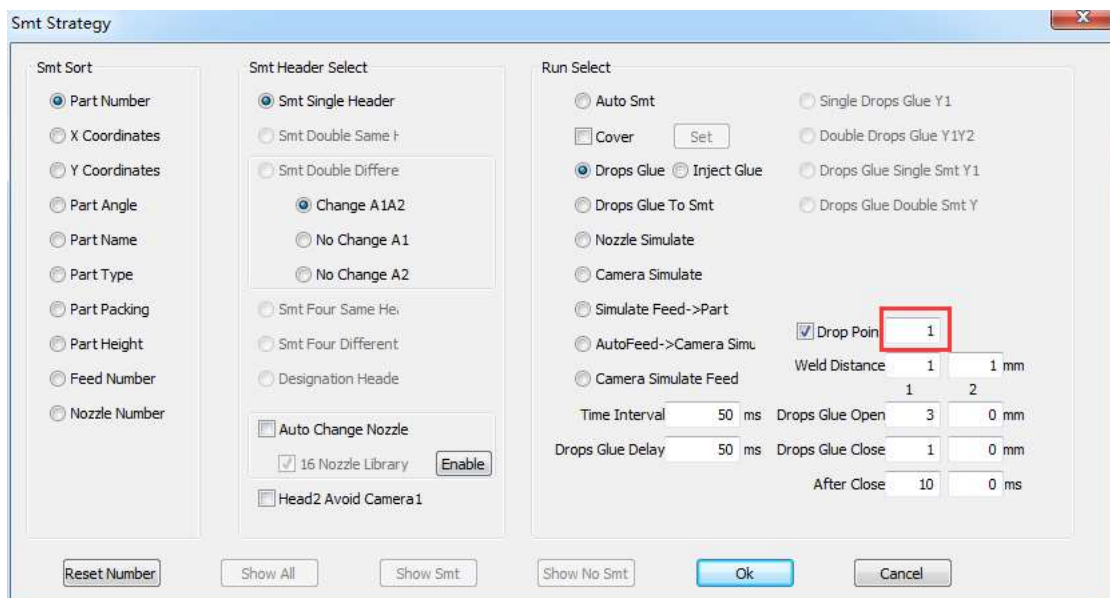
[Reset Number] [Show All] [Show Smt] [Show No Smt] [Ok] [Cancel]
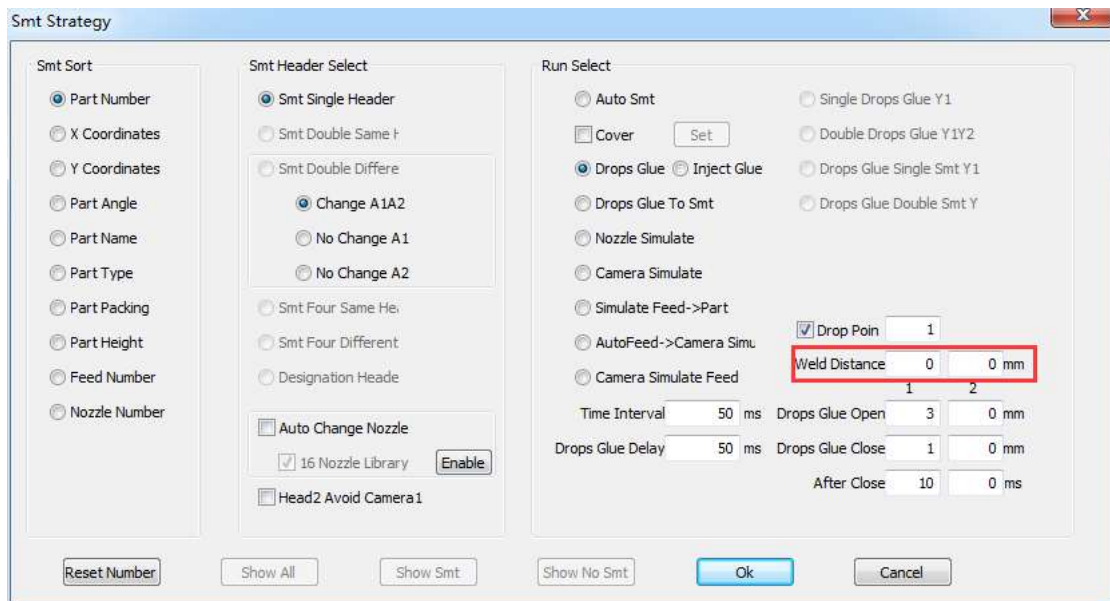
Dispensing method two.

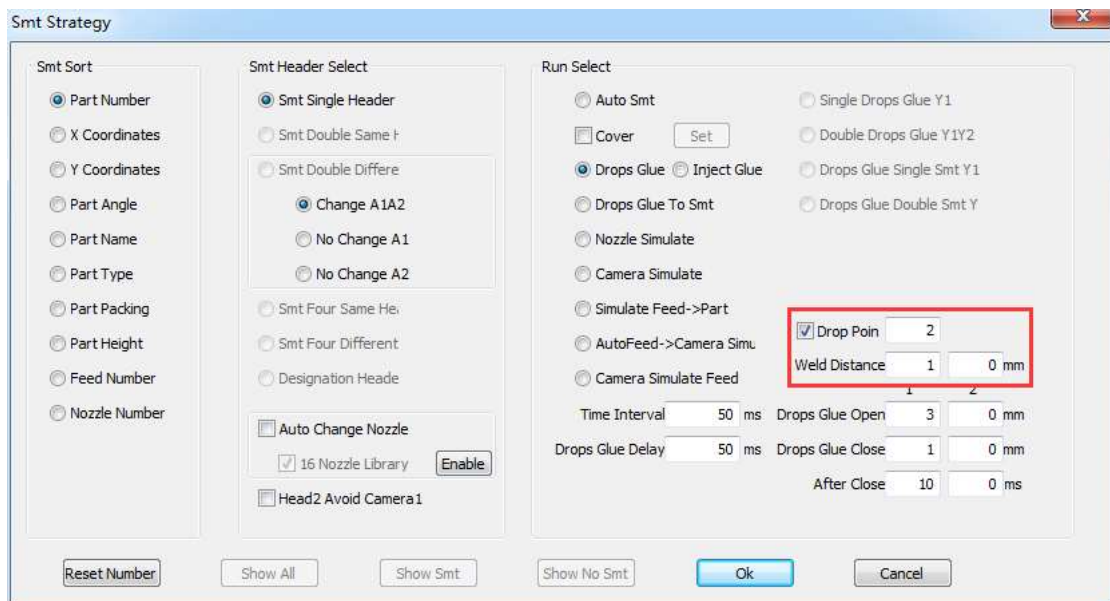When the number of dots is selected, mode 2.
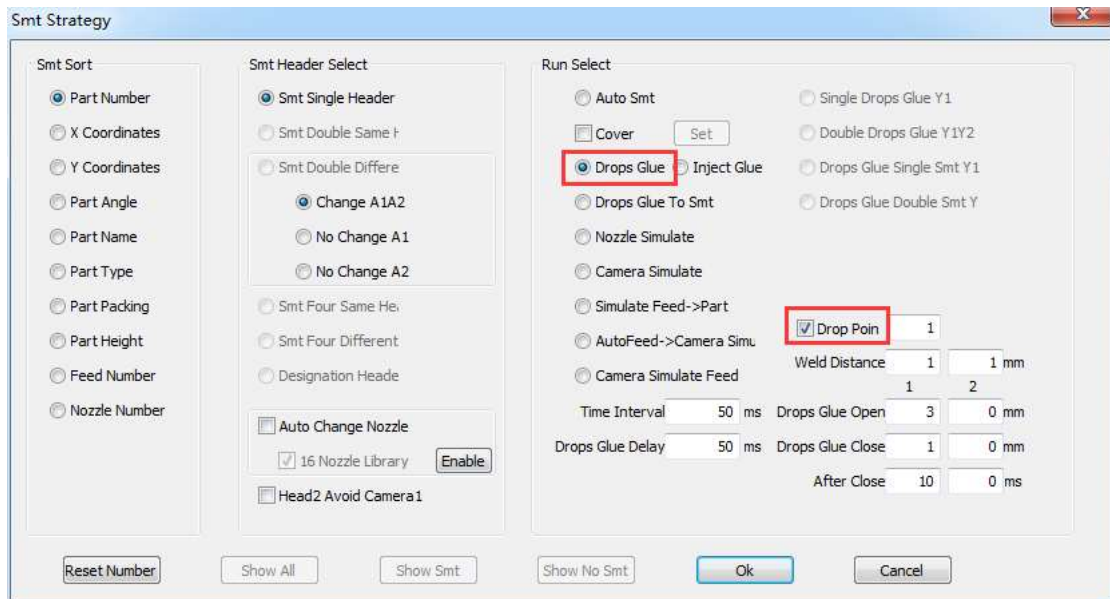
(b) If only the centre point of the dispensing process, the measurement is set to 1.

The 2-pin pad distance is set to 0, 0.

If a solder pad is required, measure to 2 and set the corresponding pad distance.

1. Open the dispensing valve: If the value is 0, it means the solenoid valve will be opened when it starts to descend, if there is a value, it will be calculated from top to bottom, and the solenoid valve will be opened when it reaches this value; if the value exceeds the descending stroke, it will become 0, it means the vacuum valve will be opened when the dispensing head starts to descend.

Note: If the MARK point function is set twice, then there is a Z-height compensate function in column 15.
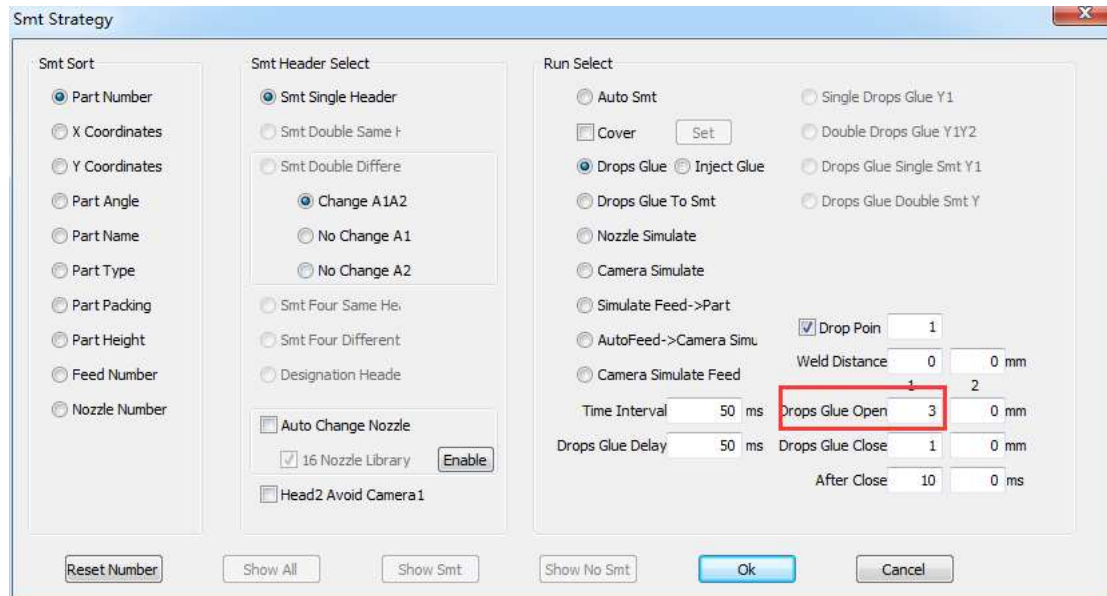
2. The dispensing valve closes: when it is 0, the solenoid valve closes before rising, when there is a value, it is calculated from rising; when it reaches this value, the solenoid valve closes; if the value of this setting exceeds the rising stroke, it will become 0, indicating that the solenoid valve closes before rising.will
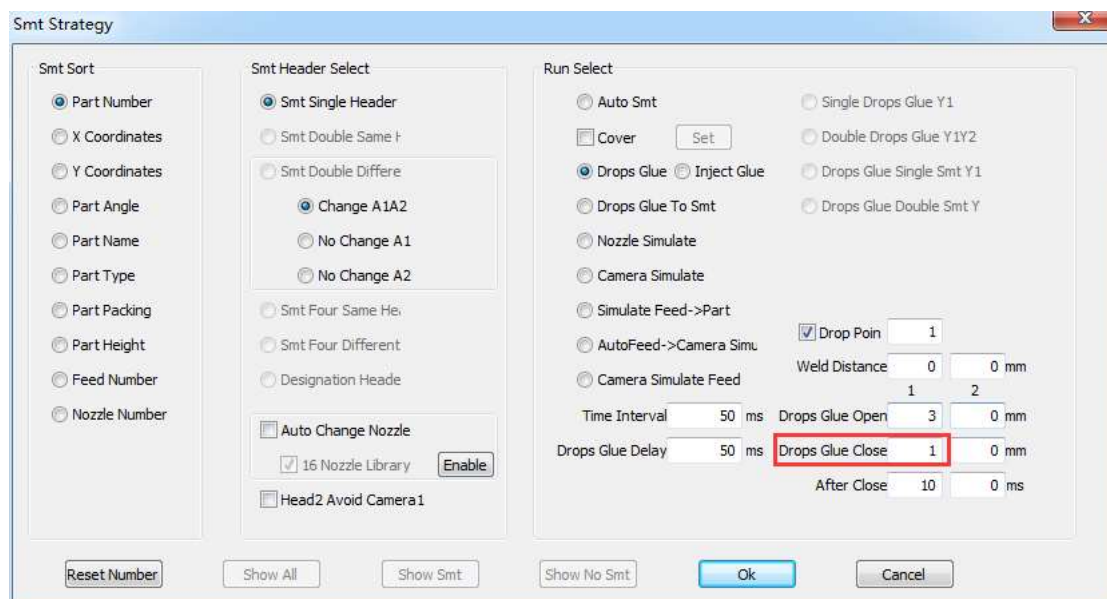
3. Valve closing time delay: If the "rising time to close the vacuum" is 0, when the dispensing head reaches the bottom, the time delay will be carried out first, then close the solenoid valve.
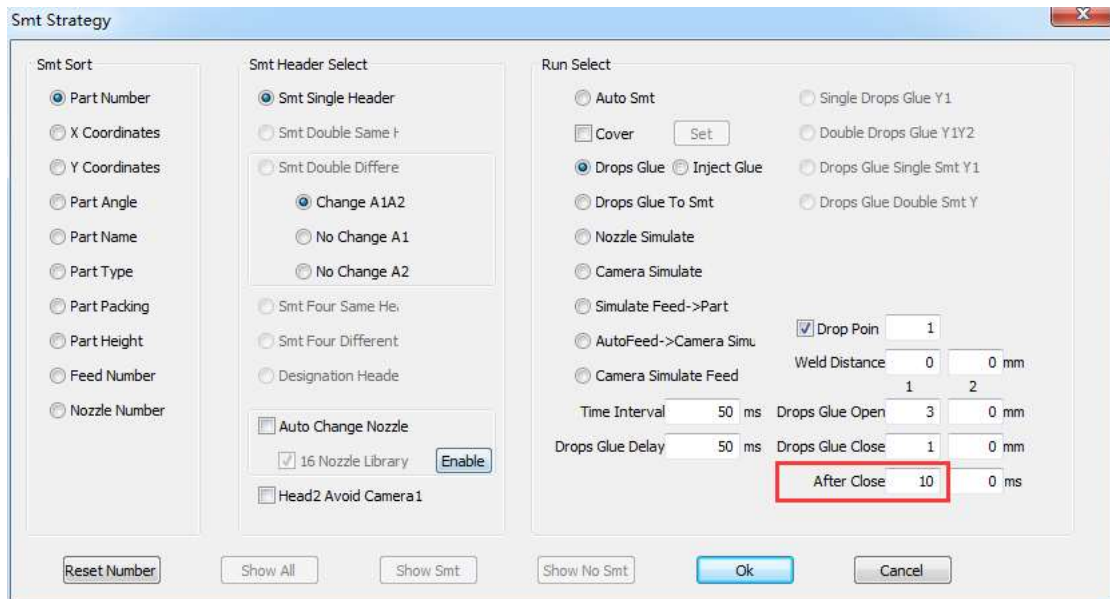
4. Bottom Delay (Dispensing Delay): after step 3 is performed, the delay is performed at the bottom.