Touch-$_Y^X$

Intelligent Ink Jet Printer

A series general-purpose for Touch
The operation manual of
the Jet printer

Please read the instruction manual carefully before using and keep it properly.
The picture related to this manual for reference only. All contents are checked and
proofread. If there are any problems such as printing errors, please understand.

Product warranty card

In the case of normal use and care, if any product quality problems are found, the company will repair or replace it for free.

| Model：		Dealer：	
Number：		Date of purchase：	
Note：			
Product warranty period	product	Warranty period	
	Ink jet printer	One	
Cause of issue：			
Tel：			

Disclaimer：

1. During the use of this product, if there is serous damage, accidental fire, water ingress, unexplained chemical corrosion, unauthorized disassembly, etc, it isn't covered by the warranty.

2. If the printer has malfunctioned, please back up the information in time to prevent loss before repairs.

Handheld jet printer Positive

1、 The handle (inside the battery)   2、 Print switch

3、 Auxiliary wheel   4、 Nozzle slot

5、 Edit function area   6、 Display area
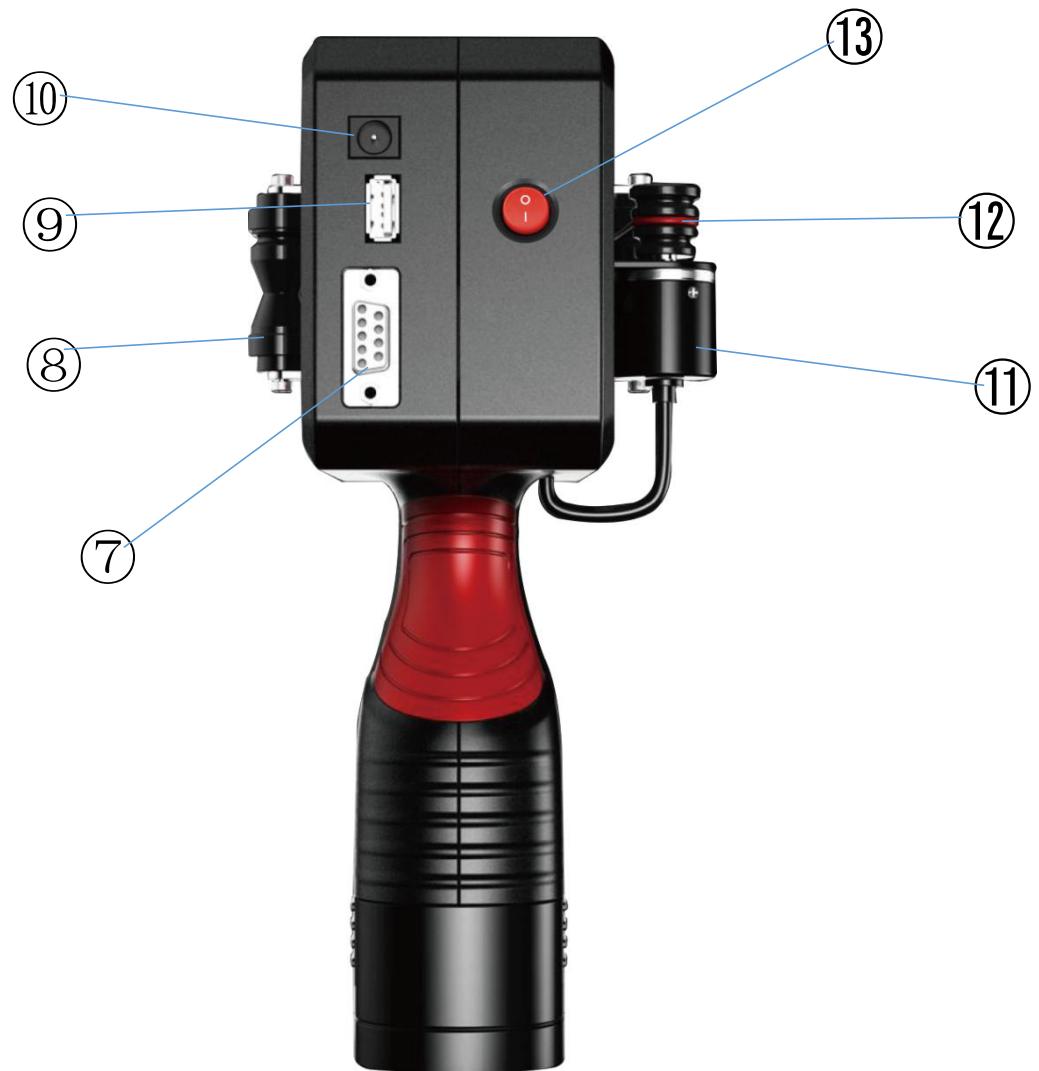
# Handheld jet printer other side

7、232 serial port   8、Auxiliary wheel

9、USB serial port   10、Charging interface

11、Synchronizer   12、Transmission belt

13、Power switch

Touch-^X_Y

Intelligent InkJet Printer

boot processing ...

Boot page

Click on the power switch

And turn on the boot page

Touch-X MSG : 1234H 2017-03-08 11:28 70%

Ruler: 10 20 30 40 50 60

Intelligent printer

Text　Date　Counter　Run　New　Message　ADJ

Logo　Barcode　Setup　Del　Save　Save

Total: 00000007

（T-X main menu）

Text	You can edit Chinese, number, English, symbols, and so on.	Del	Delete the information segment that has been edited.
Date	Edit variable in year, month, day, hour, minute and second.	New	Create a new information segment.
Counter	Edit a variable sequence number.	Message	Select the name of the information that has been saved
Run	Click Run to star printing or stop printing.	Save	Reedit the information name
Logo	Edit the trade mark or logo.	Save	Reedit the information name
Barcode	Edited bar code and QR code.	ADJ	Minute movement of information segment position

	Setting system parameters (If needs to be operated under the guidance of the engineer)	Total:	Check the number of printing
	Percentage of battery power consumption (For general reference only)	MSG:	Current information name

（T-Y main menu）
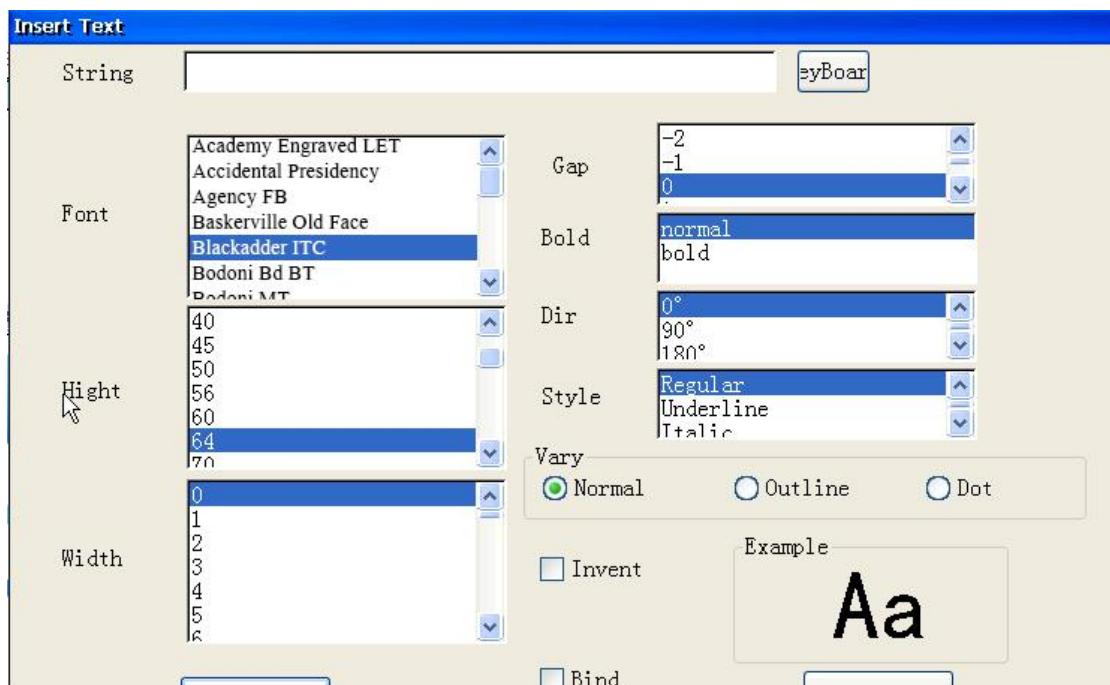
New editing text

Printing the font: click the text to enter the picture above, and edit Chinese, English, number, symbol, etc. The font can be selected ti change the font height. Character spacing fine tuning, characters can choose thickness, direction, character style can be underlined, can tilt characters. Character effects are normal, dot matrix and hollow. (width of the dot matrix must be 0).

Edit variable data

Touch-X：The highest printing height is 12.7mm

Touch-Y：The highest printing height is 25.4mm

Edit text : Click the keyboard to pop up the keyboard interface,

then you can edit the contents what you want to print.

 Deleting character   Edit English numbers

 Hidden keyboard

  The mouse cursor move to the tail

 Lock up the capital letters

Change Message
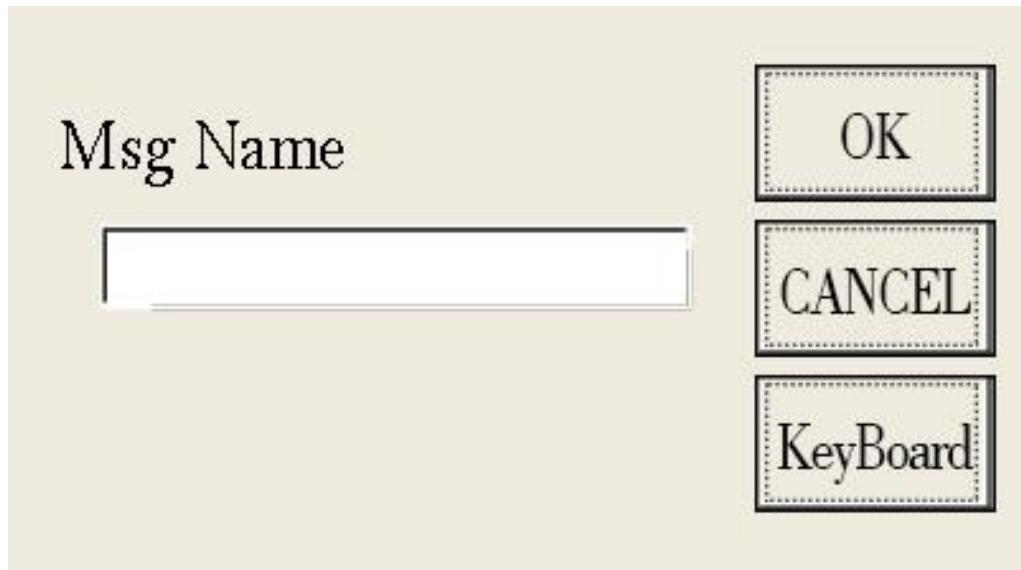
Insert Counter
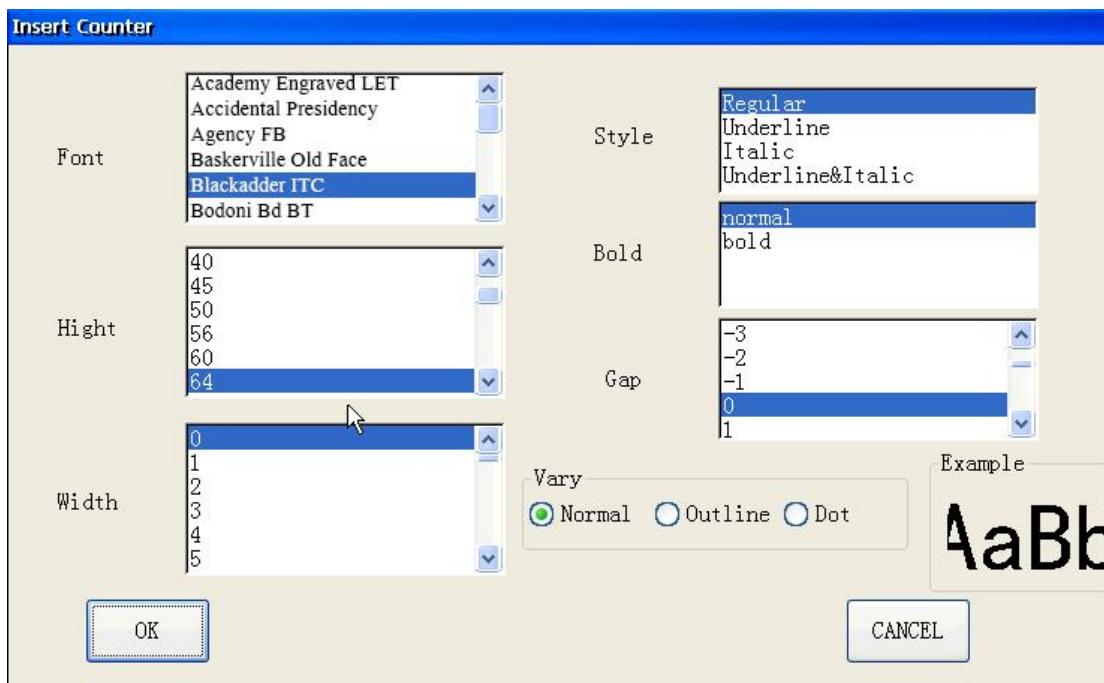
Font: The font can be chosen freely

Height: The highest printing height is 25.4mm(T-X is 12.7mm), the height

can be chosen.

Style: underline, tilt, underline and tilt.

Font size can be added. You can choose the font spacing. Special effects are normal, hollow and dot matrix. (width of the dot matrix must be 0).

 Insert Logo
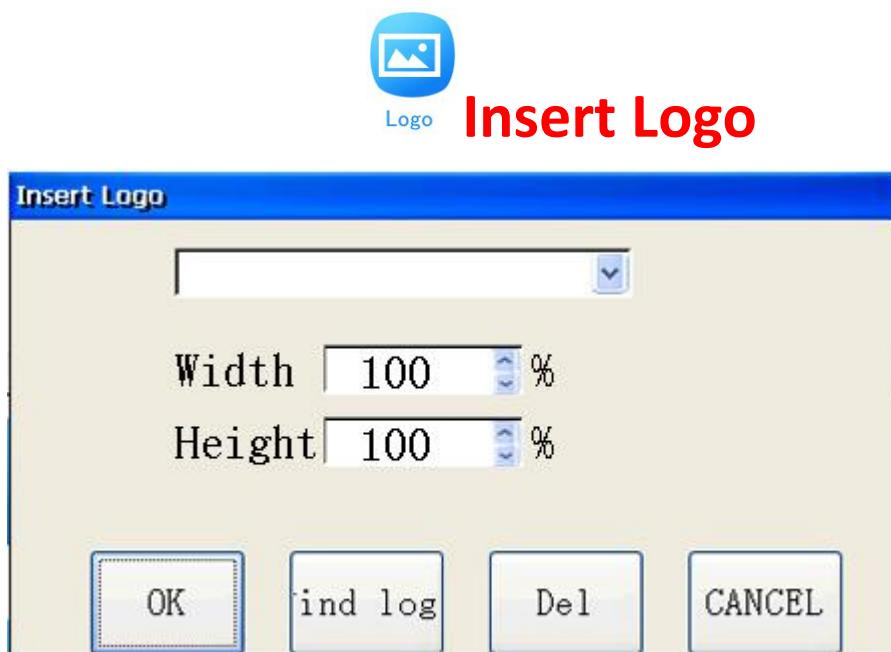
Logo printing: the U disk can be imported into the picture, and it must be BMP format. The image height is in 12.7mm. (T-Y machine image height is within 25.4mm)

The numerical range is 0-100. The picture width can be adjusted.

The numerical range is 0-100. The picture height can be adjusted.

QR
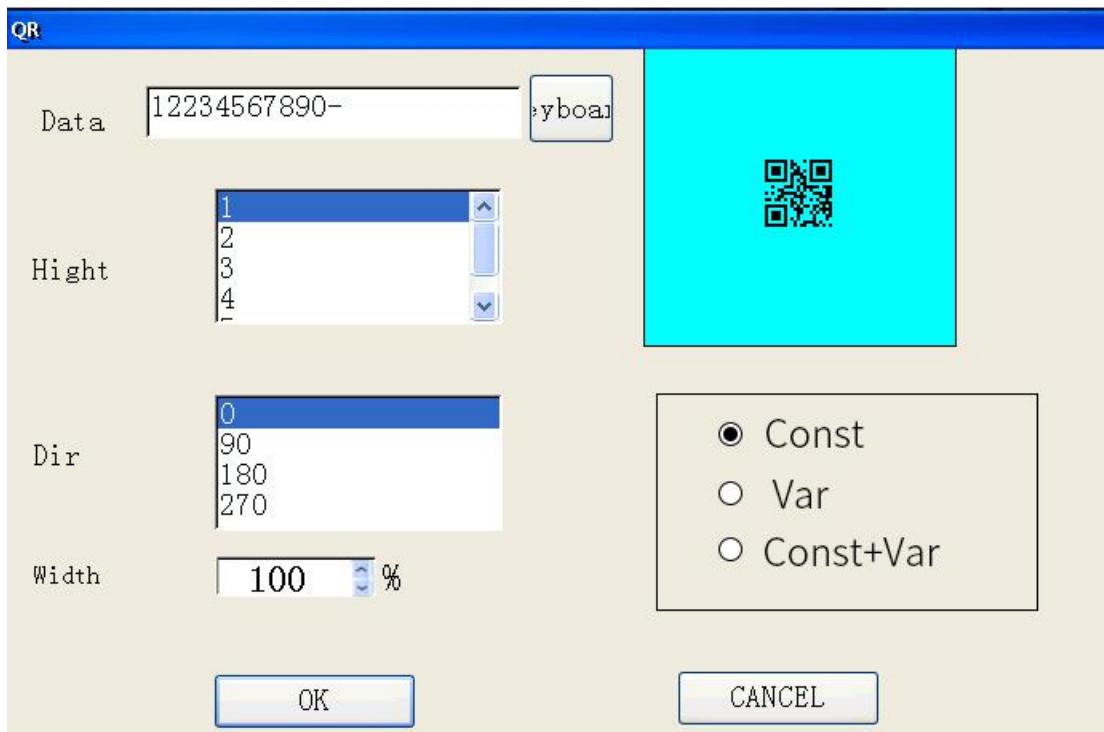
Constant: enter number in the data bar to generate fixed QR code.

Variable: through the data. Txt file in the U disk, the data is refreshed and imported to the inkjet printer, which generates two-dimensional code inkjet printing in sequence. [unable to select order] the data column will automatically generate 0 digits equal to the variable length.

Constant + variable: Enter a fixed character in the data bar, then import the variable data in the U disk, to generate the complete content of the QR code.

For example: China 1234, China 4567, China ABCD······

Note: 1. the machine starts 15 seconds to enter the main page and then insert the U disk.

2.The use of U disk memory can not exceed 8G

3. do not directly modify the contents of the data.txt file in the U disk.

 Insertion time and date
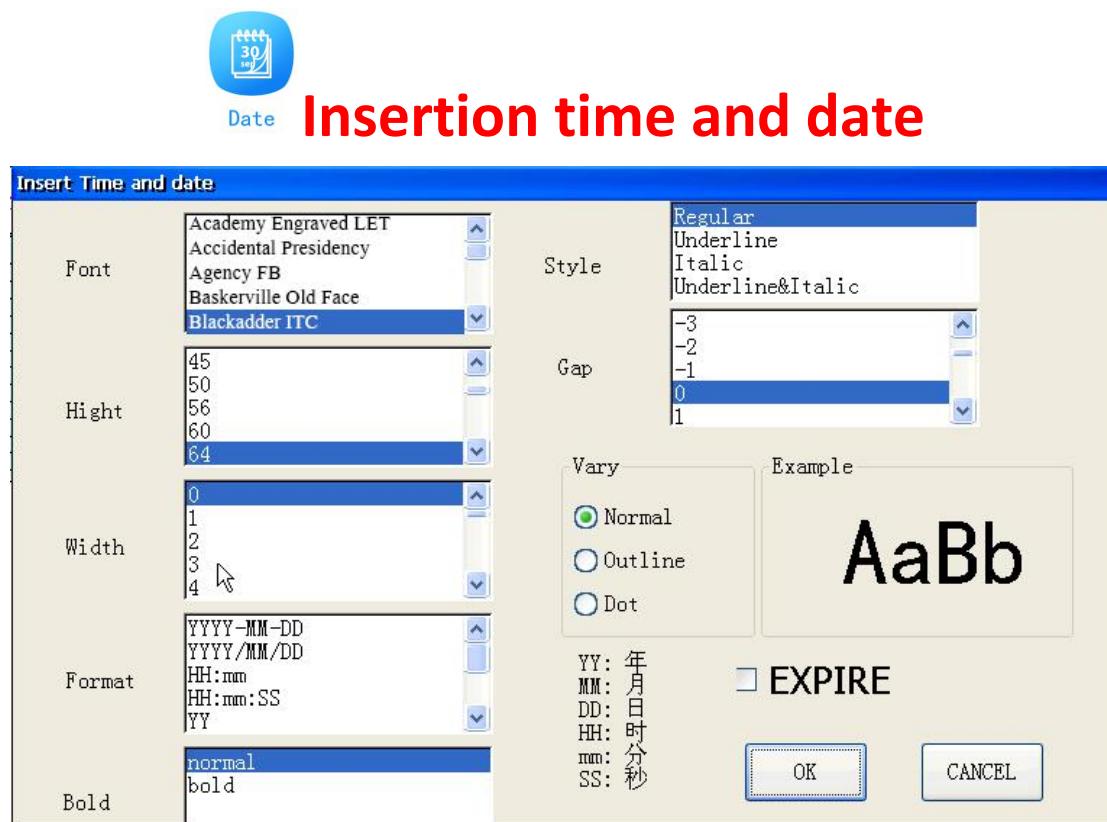
Jet printing time: time synchronization software. The font and width can be changed to a maximum height of 25.4mm (T-X=12.7mm). You can change the thickness style and choose character interval. Special effects are normal, dot matrix and hollow. (width of the dot matrix must be 0).

Format selection: If you need yyyy-mm-dd,MM:SS insertion time

variable as a whole, please choose the same width font (such as bold is the same width font). If a special order is required, a single variable unit can be inserted one by one. (ss:DD:YY, i.e.:Seconds:Day:year)

 Insert Barcode
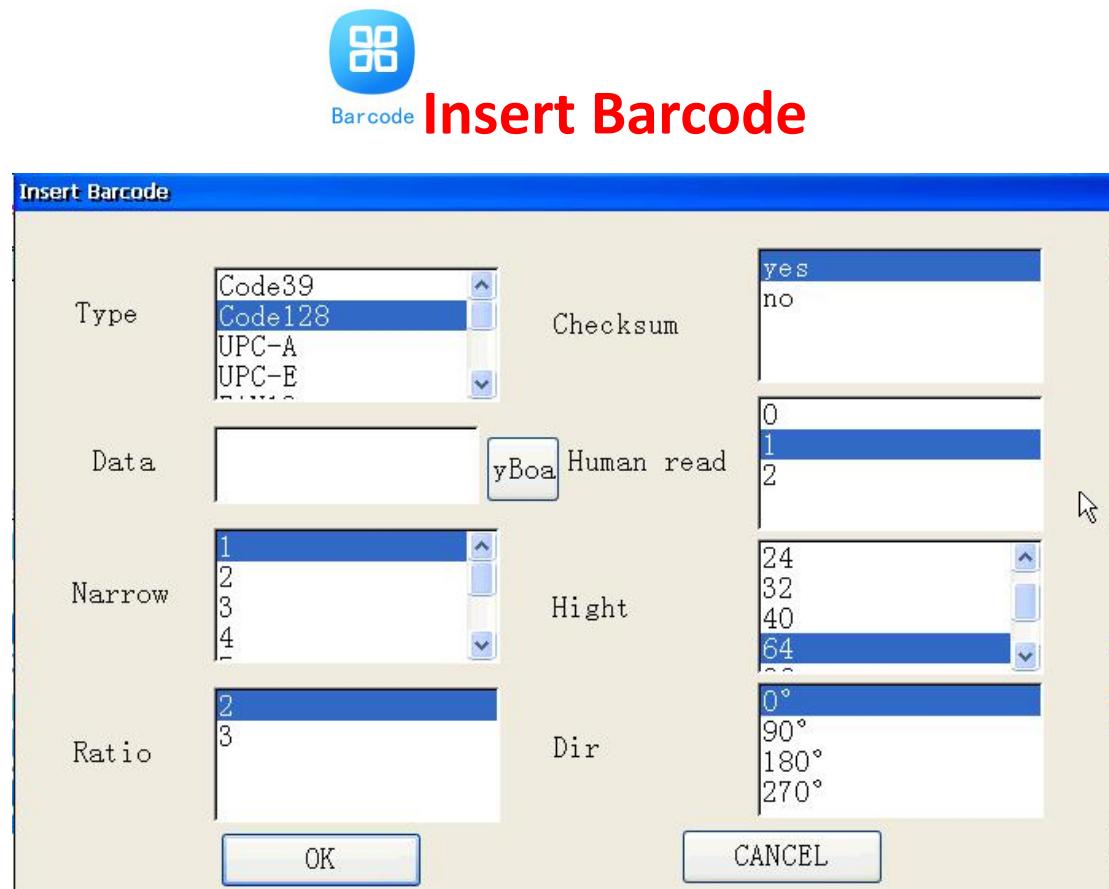
Type: selectable bar code type (such as code39, code128, UFC-A, QR)

Data: use a keyboard to enter digital or English

Gap: Gap width from 1-8

Ratio: you can choose 2 or 3

Checksum: Check code, you can choose to yes or no

Human read: You can choose 0, 1, or 2

Hight: Jet printing height, such as 16, 24, 32, 40 etc

Dir: Jet printing direction, you can choose 0°, 90°, 180°, 270°

 Spray Settings
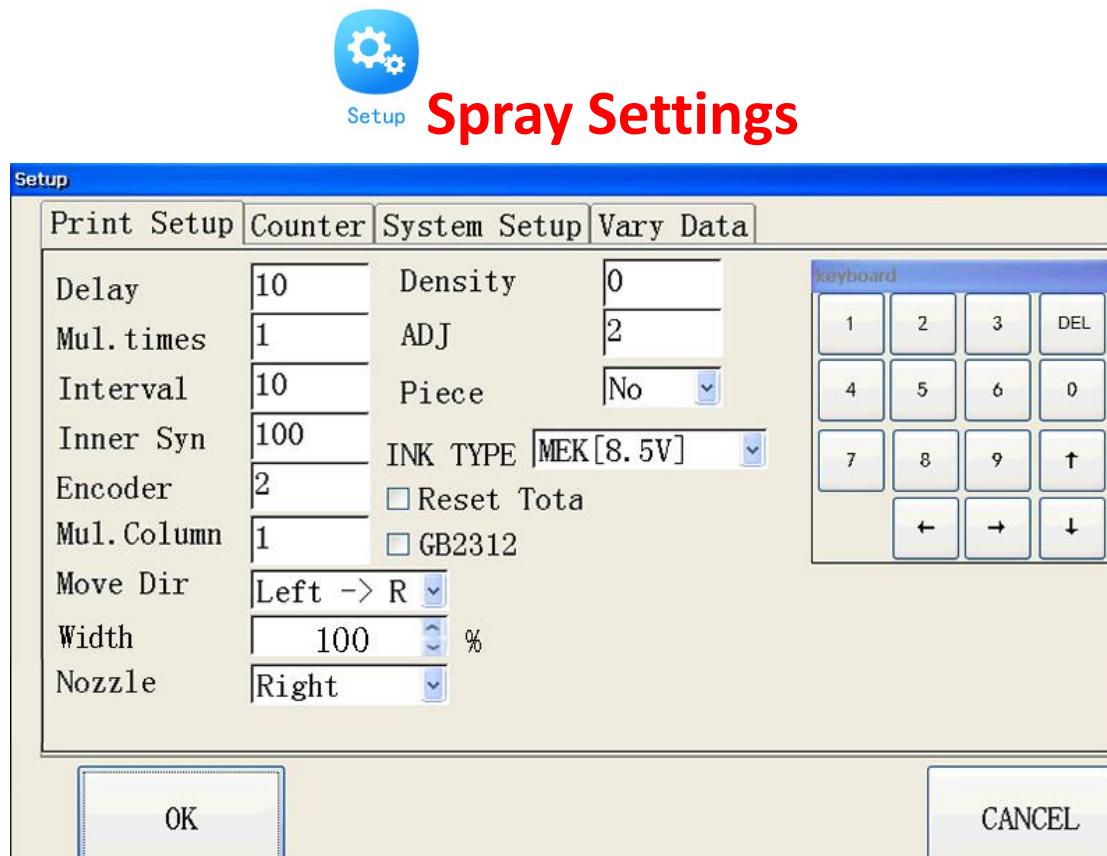
Delay: After the spray is triggered, the printing is extended for a period time.

Speed of printing: It is effective only when the width of the sync word is 0. The bigger the value, the faster the speed is. (Dedicated online machine usually use '1-4'. An online printer can only use '0'

Nozzle: Nozzle selection. Left Nozzle, Right Nozzle, Double Nozzles (No nozzle selection function of T-Y machine)

Mul.time: The number of times that can be triggered

Interval: Distance between continuous printing information

Move Dir: The relative position of the left and right nozzles (Only in double nozzles)

Ink type: Users must select the voltage according to the actual cartridge type. (The voltage value of the ink box of the T-Y jet printer rises by 0.5V)

Density: Pulse width. The suggestion is not to be modified

Reset Total: Reset total number, it is necessary to reboot the printing information to be effective

Piece: 1. divided into 5 segments at most.

2. the transverse tension must be 100%

3. Paragraphs can not be overlapped.

4. use the deadline and normal insertion time as a paragraph.

5. the vertical arrangement of variable is also considered as a paragraph, even if it is edited in segments.

 Settings/counter
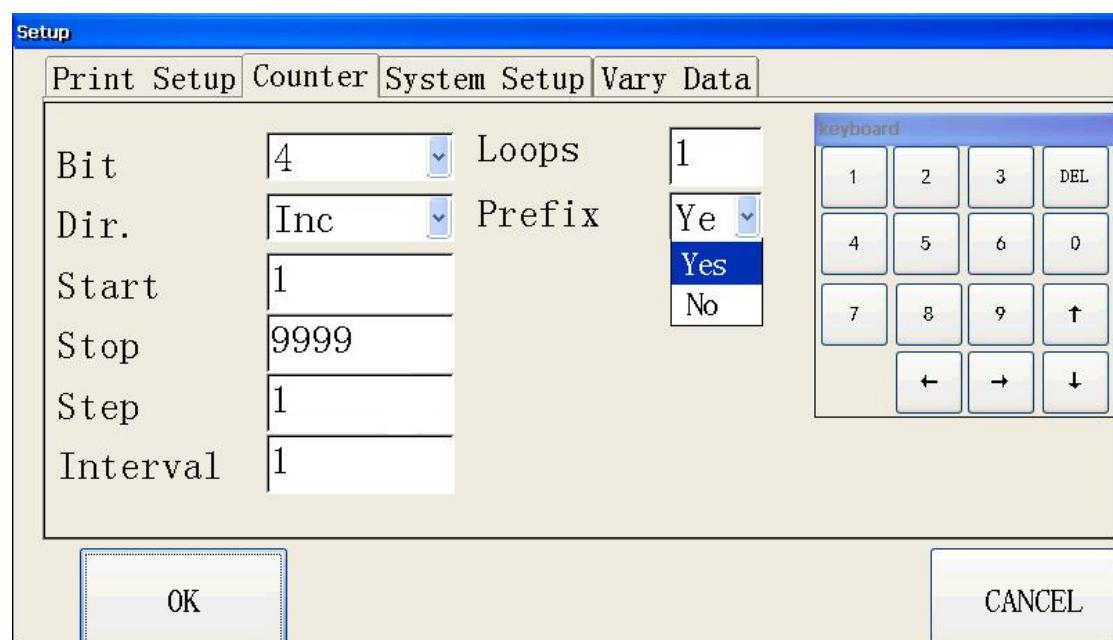
Digit: Counting digits

Direction: Plus count/ Less count

Initial value: Counting start value

End value: End of count

Step number: Count the changing step size

Eepetitions: Number of repetitions of the same number

Cycle time: Number of valid cycles for counting values (0 is infinite loop)

Prefix: Yes (E.g 0001/0002/0003)

No (E.g 1/2/3)

 Settings/System Settings
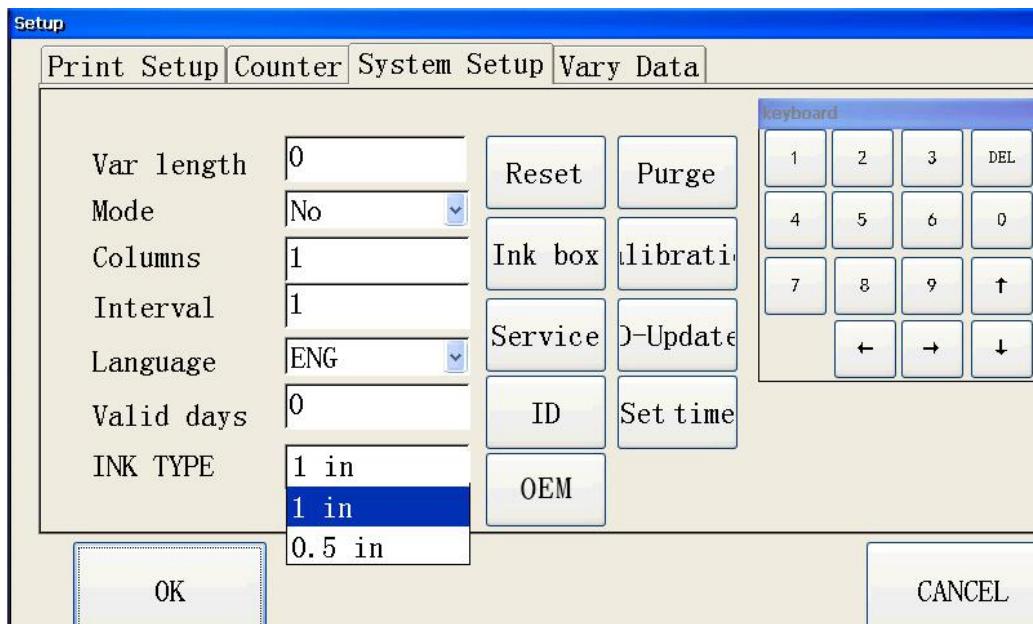
Variable length: Character length when text is bound as a variable (0-100 digit)

Flash spray mode: No (No flash)   Yes (Have flash)

Flash columns: Flash columns

Flash Interval: Pause time between flashes

Language selection: selected, English or Chinese

Valid days: Calculated as of this date

Time setting: date and time setting of the printer system

Screen Calibration: Touch Screen Position Calibration

Reset: Clear the message name and picture with a button

Cleaning: Forcing the nozzle to eject ink (must be placed in front of the cartridge) Click again to stop cleaning

Print Control Update: Resetting the print Control Board Procedure (contact factory for instructions)

Cartridge type: 1 inch and half inch (only T-Y machine supports this function)

OEM

Click on the button, modify the upper left corner of the machine display information, settings completed, restart effective
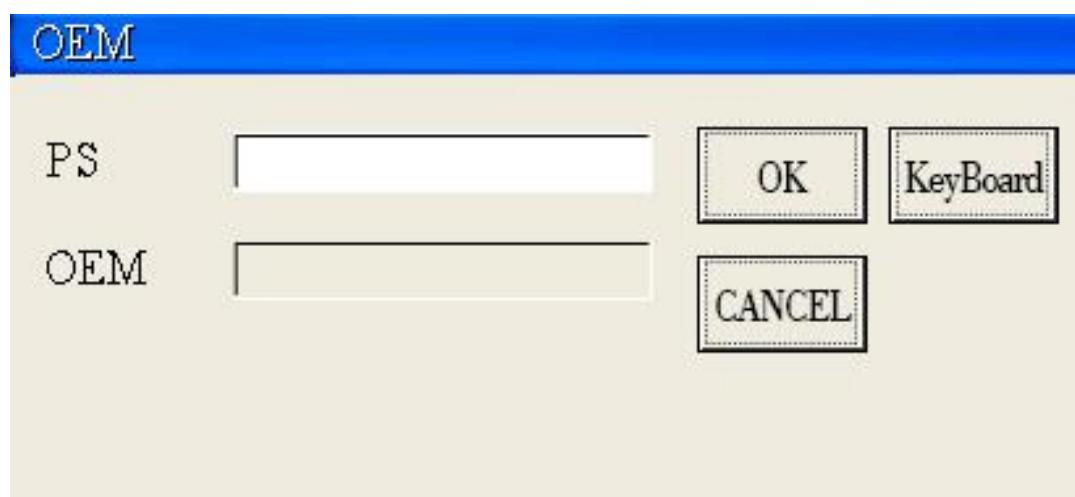
Settings/Service

```
update

1 Please copy the upgrade file to
  the U root directory.
2 Insert the U disk


  ┌─────────────────┐      ┌─────────────────┐
  │                 │      │                 │
  │     START       │      │     FONT        │
  │                 │      │                 │
  └─────────────────┘      └─────────────────┘
```

```
┌─────────────┐
│    FONT     │
└─────────────┘
```

Click the FONT button to enter the font selection interface.
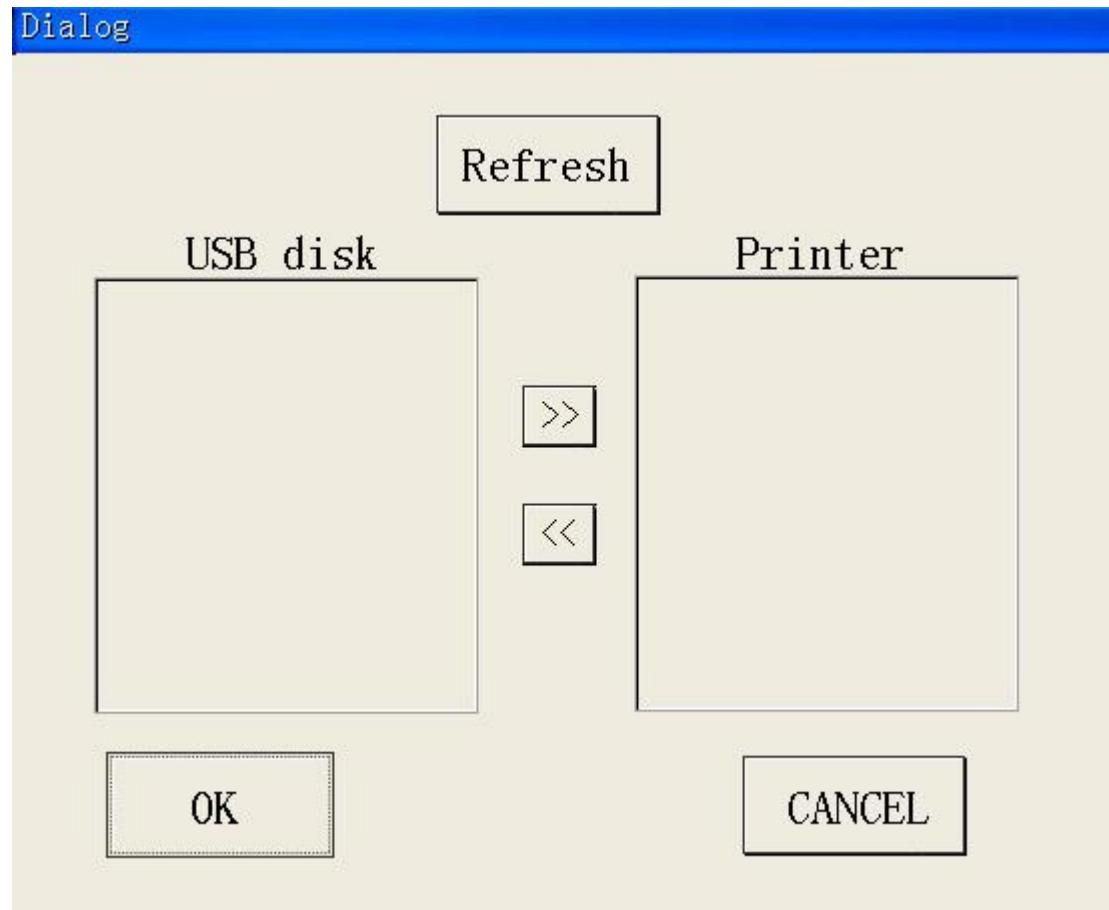
The T-XY inkjet printer can increase or decrease the font of the system through the U disk。

Click refresh button to automatically refresh the U disk and the document in the inkjet printer.

Select the font file in the USB disk list and click the right arrow to import the font file from the USB disk into the printer

Select the font file in the Printer list and click the left arrow to remove the font file from the printer.

Settings/U disk variable data
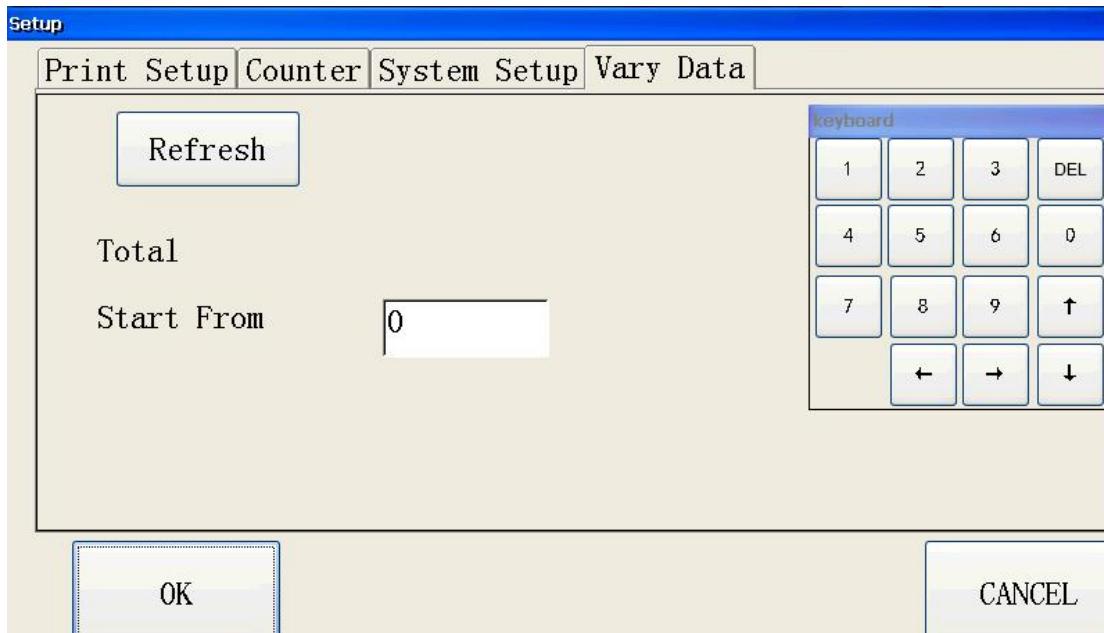
U disk refresh: Refresh U disk data

Starting from the first few items: select the initial printing data entry

Requirements for U disk:

1. Choose genuine quality U disk, memory should not be too large, 4-8G that will do

2. U disk should not be stored too much content with inkjet printing. For example, pictures or videos.

Database variable settings

1. Functional description

Print the specified txt files in the U disk by line

File preparation, in the U disk's root directory, create a new "data.txt" text file, (must be data file name), and meet the following requirements: printing data in units of behavior, each line must be the same length, the file ends with "$$".

As shown in the picture

2、 Plug in the U disk, click on the settings, enter the "U disk variable data" menu, [The machine starts 15 seconds to enter the main page and then insert the U disk.]
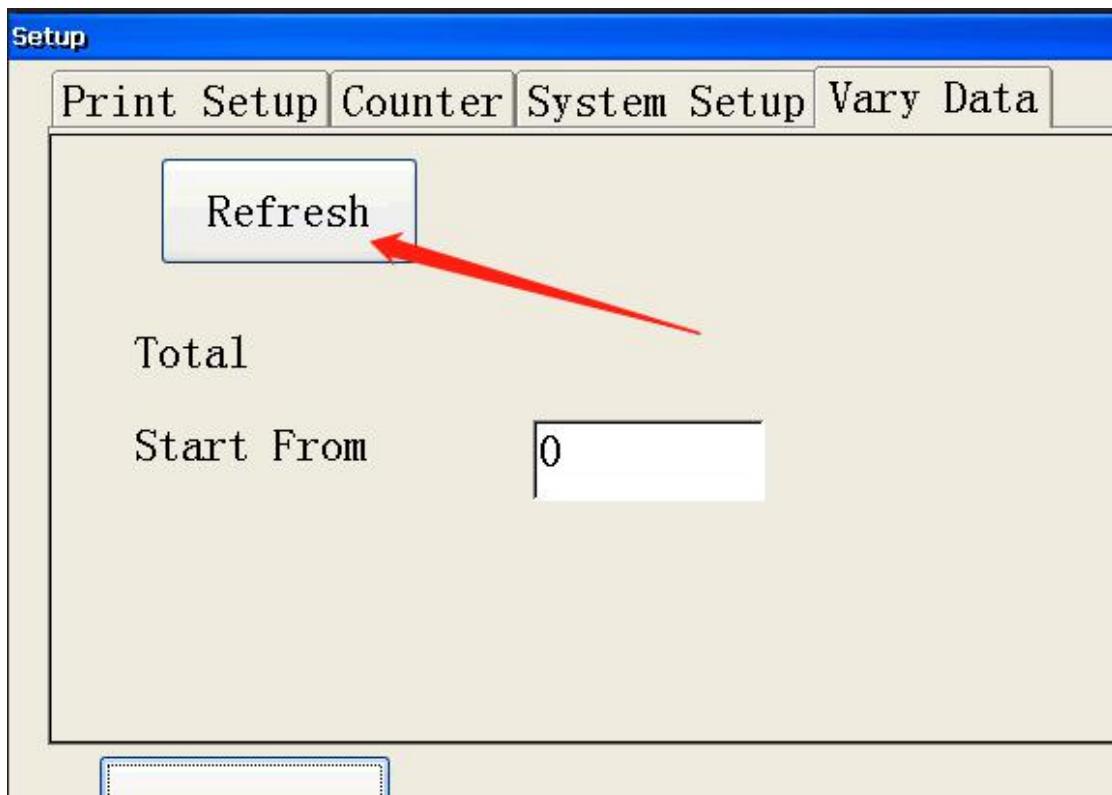
Point U disk refresh, the system displays the total number of

lines of the file and the number of characters per line, and it

can be freely selected from the first few lines to start printing.

Press the OK key, and data.txt file. Import the system, and you

can unplug the U disk.

3、 Click on the text to insert, click on the keyboard, enter a

number, such as the number 1, at the same time select the font,

height, width and other parameters, (Be sure to type in the

bindings, and automatically generate zero digits equal to the

variable length in the string bar)
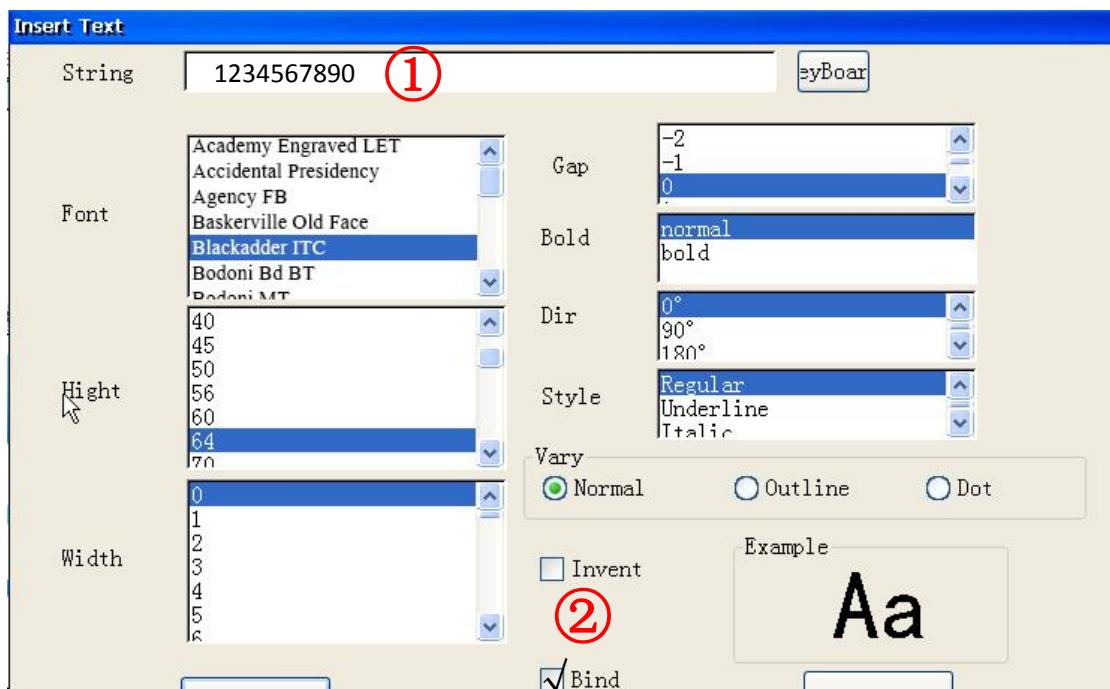
After setting up other printing parameters, you can start printing, in the NEST variable data area. Display variable content next time until all data is finished, then stop printing.

If there is something unclear, please contact our sales or service engineer.

Printer packing list

No	Part name	Qty	Exterior	Handheld	Online
1	High-end chassis	1		★	★
2	Hand-held inkjet printer	1		★	
3	Online inkjet printer	1			★
4	Charger (16.8V 1A)	1		★	
5	Adapter (16V-3A)	1			★

Note: Online inkjet printers should add bracket and sensor.

No	Part name	Qty	Exterior	Handheld	online
8	screwdriver	1		★	★
9	Photoelectric sensors	1			★
10	O-ring	5		★	
11	Ink cartridge	1		○	○
12	Stylus	1		★	★
13	Printer operation manual	1		★	★
14	mouse	1		★	★

Certification

C E R T I F I C A T E

model: _____

Inspectors: _____

Date of manufacture: _____

QC
PASSED

Precautions:

1. In the course of using this product, if there is serious collision, open fire, water intake, corrosion of unknown chemical substances, disassembly and other man-made damage, are not within the scope of warranty.

2. If the machine is in trouble, please backup the important information in the equipment before repair, so as to prevent loss.

3. If the code jet machine is in abnormal use, please contact the maintenance engineer or call the power plant home service line at the first time.

4. Untrained personnel are strictly forbidden to operate and use inkjet

printer.

5. It is strictly forbidden to dismantle the inkjet printer without permission from the staff of the factory.

6. The operator of the inkjet printer must read the instructions carefully before operating on the machine.

The final interpretation right of the disclaimer belongs to the company

Ink cartridge usage precautions

1. To install the ink cartridges and unload the ink cartridges, you must cut off the power of the machine firstly.

2. Do not use the device for more than 20 minutes. The ink cartridge must be removed from the device.

(And use the card holder to be stuck, be sure to keep the card holder well)

3. HP Company advise, after the ink cartridge is opened, it is better to use it up within 3 months.

4. Because of the ink cartridge is fast drying, there is a little drawing, the lack of line situation.

5. If there is drawing, lack of line situation:

① We can use a soft tissue to wipe the nozzle in one direction, (cannot damage the nozzle with hard goods)

② After one message is sent to another nozzle (left or right), running the device again.

6. If it is a quick-drying white link, shake it for 5-10 minutes before each use. Otherwise the color will be lighter. (Note that shaking should not be too strong)

1 inch ink cartridge   1/2 inch ink cartridge

Technical parameter

Machine size	140*80*235mm (include handheld)
Weight	About 800g(without ink cartridge)
Screen size	5 inchs touch screen (108*65mm)
Store information	Infinite storage
Segmenting function	5 sections
Precision of printing	300-600DPI
Counting unit	1-8 digits
Printing bar code	Bar code, QR code, variable QR code
External interface	Charging interface, R232 serial port, USB

Using environment	Temper:0-40℃、humidity:10-80%
Oily ink	Black, red, blue, green, yellow, invisible
Quick drying ink	Black, red, blue, green, yellow, orange, white, invisible
Ink cartridge capacity	42CC（half inch）、45CC（1 inch）
Ink type	Dry, oily, water-based
Spray print library	Synchronize with machines and computers
Spray printing distance	2-5mm
Jet printing height	2-12.7mm（T-Y is 25.4mm）
Speed of printing	60m/min
Printing content	Date, counting, batch number, serial number, pictures etc
Power parameter	DC 16.8V lithium battery; 16V3A the power adapter

This parameter is subject to change without notice