

Yangzhou Zhuotai New Materials Co., Ltd.

# User Manual

CP8XX Series Tube Printer



Yangzhou Zhuotai New Materials Co., Ltd.

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## Preface

Please read the manual carefully before you start using it. Complete the relevant installation settings, you can fully enjoy the power of this machine and convenient services.

## Chapter 1 Appearance Description and Configuration

### Attachment

The standard configuration includes these attachments when you use this CP8XX series tube printer.

USB-cable; Power-line; ribbon; label; tube- Cassette



### 1.1 Important information

#### 1.2.1 Warning

1. Please use a single power socket. Do not use any multiple socket inserted with multiple devices, this may cause fire or electric shock.
2. Do not let any metal or liquid get into tube printer. This may cause fire or electric shock or machine damage.
3. Do not use power plug with wet hand in case of any electric shock.
4. When open the upper cover, do not let any object contact with the moving part of tube printer.
5. Use at voltage between 100 and 240V AC. If not, it may result in fire, electrical shock or machine failure.
6. Do not disassemble or modify the tube printer without any authorization. This may lead to a fire or electric shock.
7. Please keep the tube printer away from alcohol, gasoline and other flammable solvents as well as any ignition source to prevent any deflagration and fire
8. When clean the tube printer, please use wet gauze that has been twisted closely. Do not use any flammable organic solvent.
9. When find any abnormal smell or noise in operation, please turn off the tube printer immediately, pull out its plug and contact with your dealer.
10. Please use the tube printer in a clean place. Do not use it on carpet. Otherwise ,the dust may cause short circuit or even fire.
11. When there is any foreign object getting into the tube printer, do not use it in case of

any damage.

12. The machine can only print  $\Phi \leq 6.0\text{mm}$  tube or heat shrink tube. Any  $\Phi > 6.0\text{mm}$  tube or heat shrink tube may damage the tube printer.

### 1.2.2 Caution

1. Not all consumables are suitable for your tube printer because of the difference of consumable specification. Please choose Supvan original consumables to ensure not reduce the print quality or damage the tube printer.
2. Prinda will not be responsible for any warranty caused by counterfeit ribbon or label.
3. Do not touch the print head with hand.
4. Please use the cutter carefully to avoid injured.



5. Touching the print head which just finished working may cause your skin being Burnt.
6. Please keep the printer away from any moisture or hot area in case of electric Shock.
7. If the machine will not be used for a long time, unplug the AC adapter from the power outlet. Otherwise, electrical leakage may occur.
8. The machine is very precision. Please operate it on a flat surface to prevent falling damage or shock vibration.
9. Do not compress your tube printer.
10. Keep away from any electromagnetic interference generating a magnetic field.
11. Do not block the outlet of the printer.
12. Do not knock any keyboard in force.
13. In operation, do not pull out any print media forcibly from the outlet. Take it out after cutting. Otherwise, this will affect the printing result or damage your tube printer
14. Consumables or tube printer shall be stored in a dry place with ventilation, room temperature, and non-direct sunlight.

### 1.3 Environment

The recommended environmental conditions are as follows:

Environment	temperature ( $^{\circ}\text{C}$ )	humidity ( $\% \text{RH}$ )
Operation	15—35	15—80
Using	5—35	35—85

### 1.4 Main performance

Mode	CP8XX	Media width	Φ<=6mm
Heart mode	Heat transfer	Media length	
Resolution	300dpi	Print velocity	11.8 dot/s
LCD display	LCD white	Print mode	Alone/link computer
Feeding media	continuously	USB connect	USB2.0
Ribbon length	100 m	Editor software	Prinda TP Editor
valid width	10.8mm	Computer system	winXP/winVista/win7/win8
Ribbon type	Black ,Red, White	External dimensions	325mm×270mm×90mm
Labe height	6mm, 9mm, 12mm	Weight	3kg
Label color	Yellow	Operation environment	temperature 15-35 °C
Media	Tube, Shrink Tube	Power supply	AC 200-240V; 50-60HZ

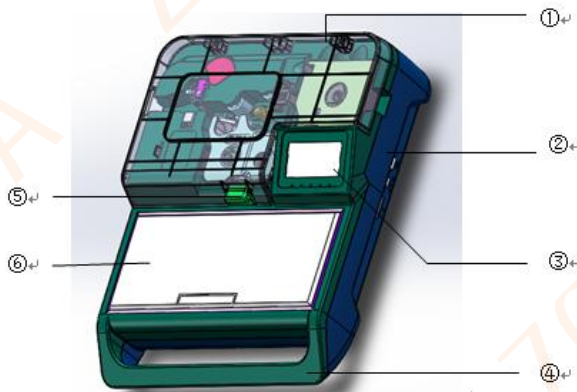
### 1.5 Warranty instructions

#### 1.5.1 Tube printer Warranty

1. Two-year warranty except Print-Head.
2. One-year warranty include Print-Head.
3. Not applicable to the company's consume media without warranty.

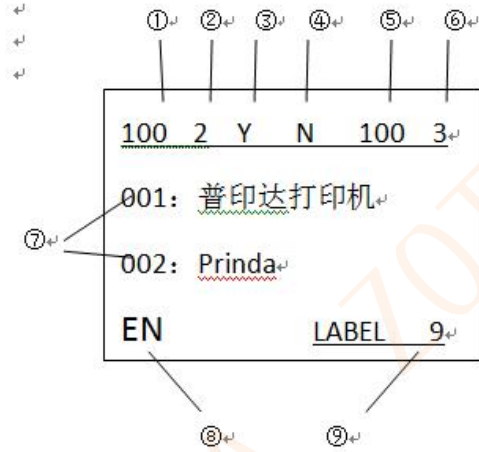
## Chapter 2 Appearance Description and Configuration

### 2.1 Appearance Part Name



Num	Part Name
1	Upper cover
2	Lower case
3	LCD display
4	Upper case
5	Cover opening button
6	Keyboard

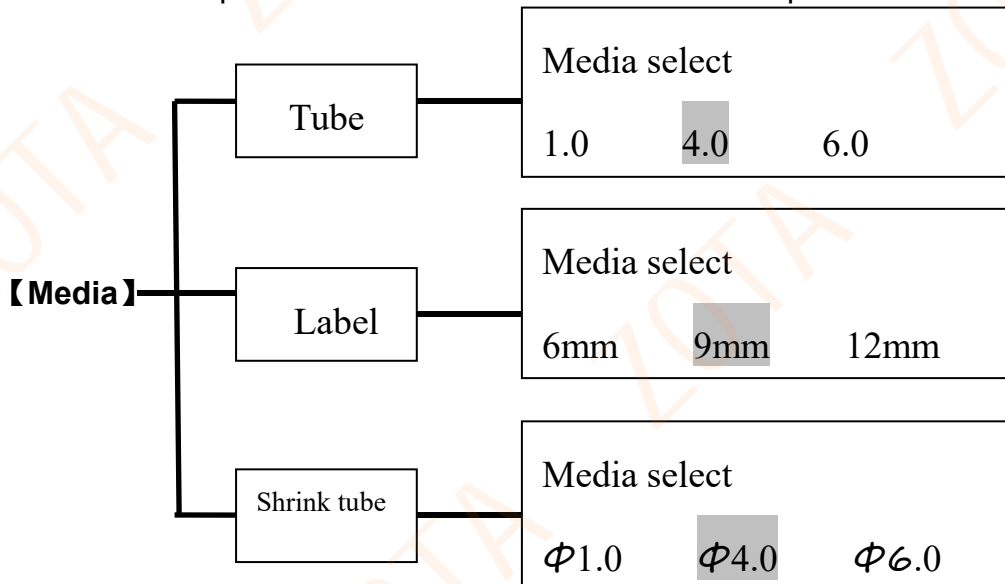
### 2.2 LCD Display Description

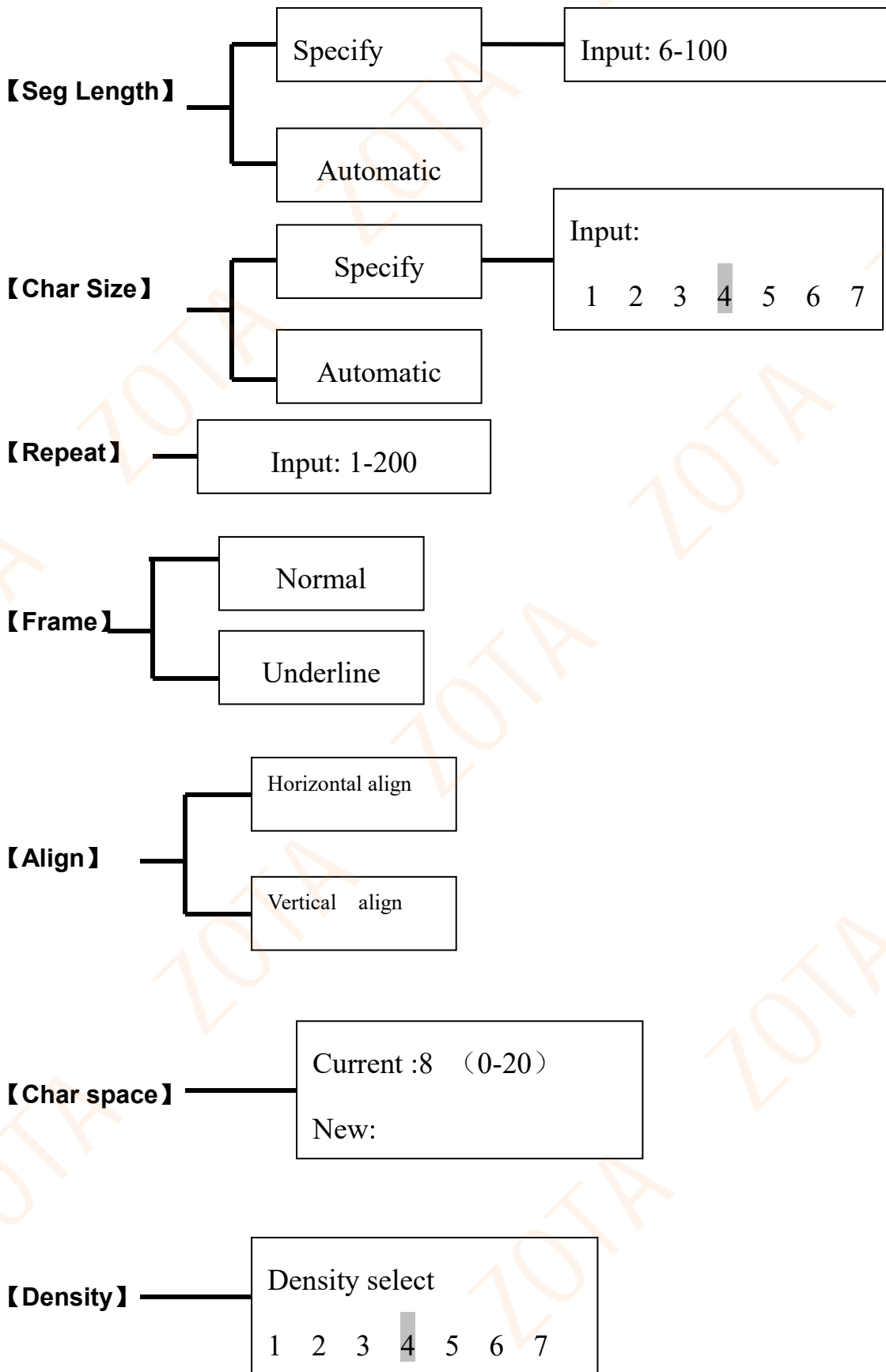


Num	Text prompt	Description
1	Seg Length	Segment length of segment that cursor locates
2	Char Size	Character size of segment that cursor locates
3	Set Cut	Setting state of half cut function: Normal: Not half cut or not draw a solid line. Half cut: Setting half cut Solid line: Draw a solid line.
4	Frame	Frame setting state of segment that cursor locates. Normal: None; Underline: Add an underline.
5	Repeat	Repeat printing times of segment that cursor locates.
6	Density	Setting value of density level.
7	Display content	Segment numbering and segment content.
8	En/Sy	Current display of input method.
9	Media	The setting type of printer consumables.

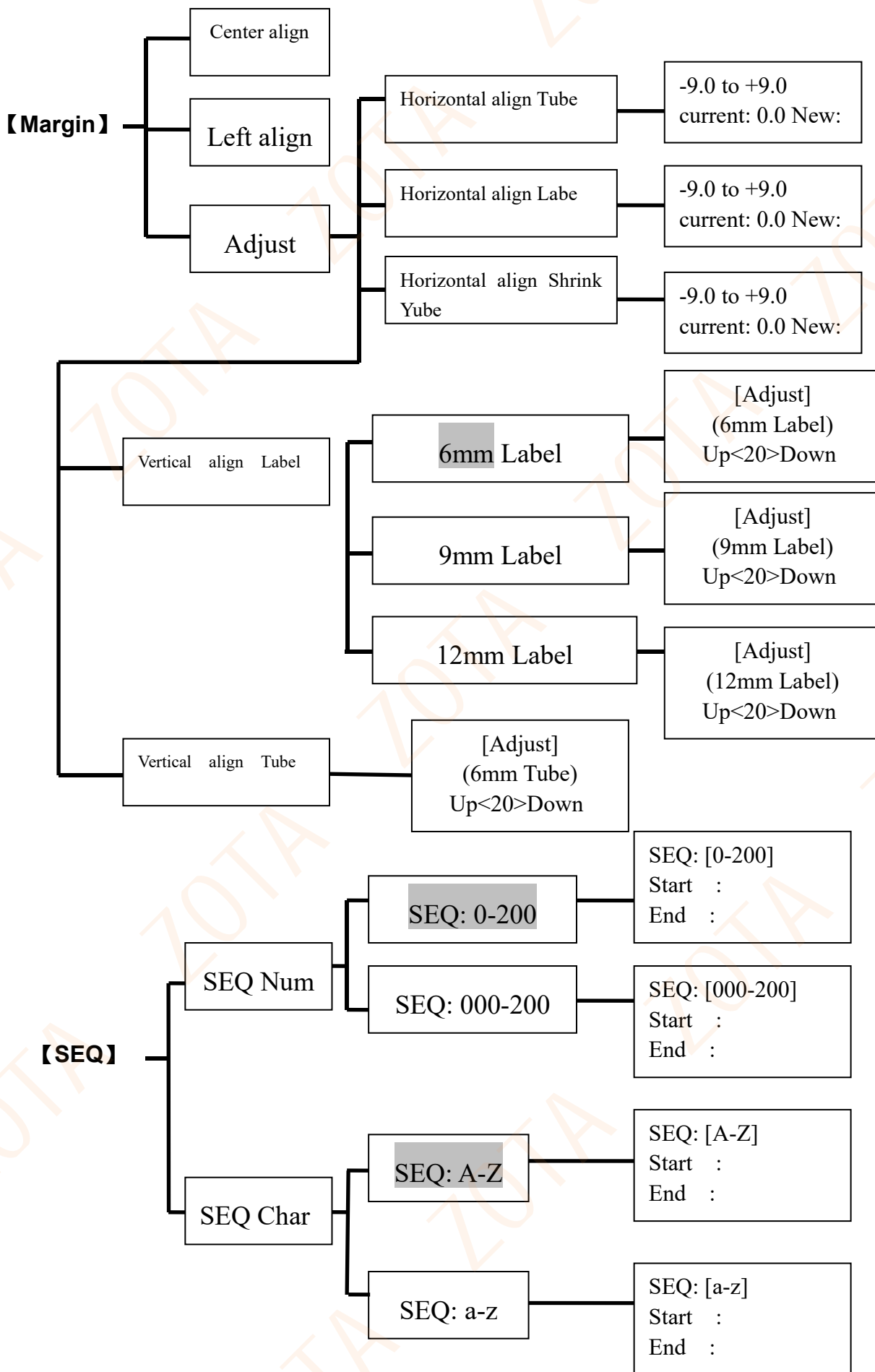
### 2.3 Function keys Description

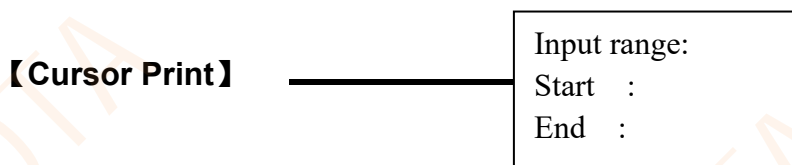
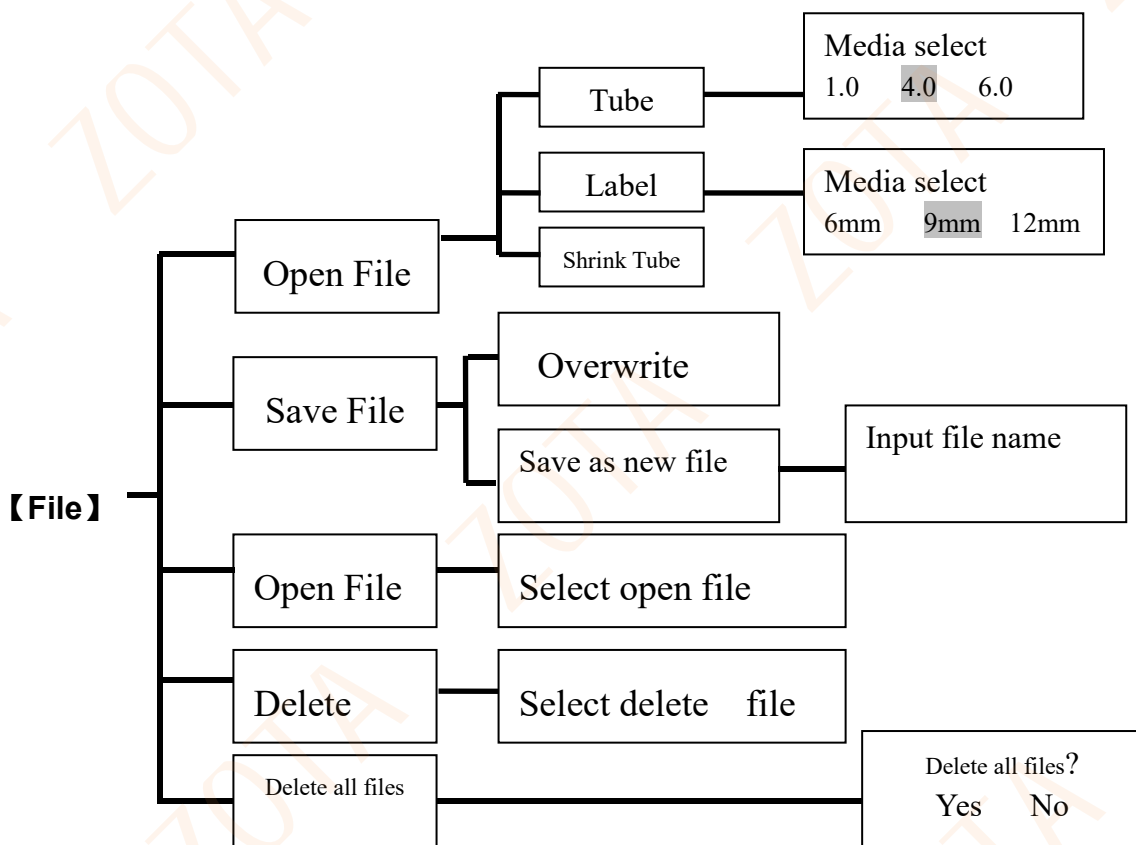
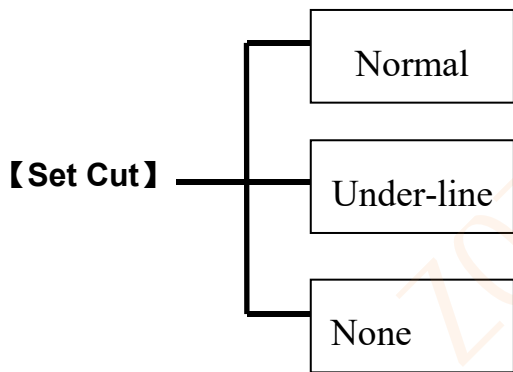
**【ESC】** ——ESC the current setting, operation or error description to return to the previous level of menu or a document input interface.

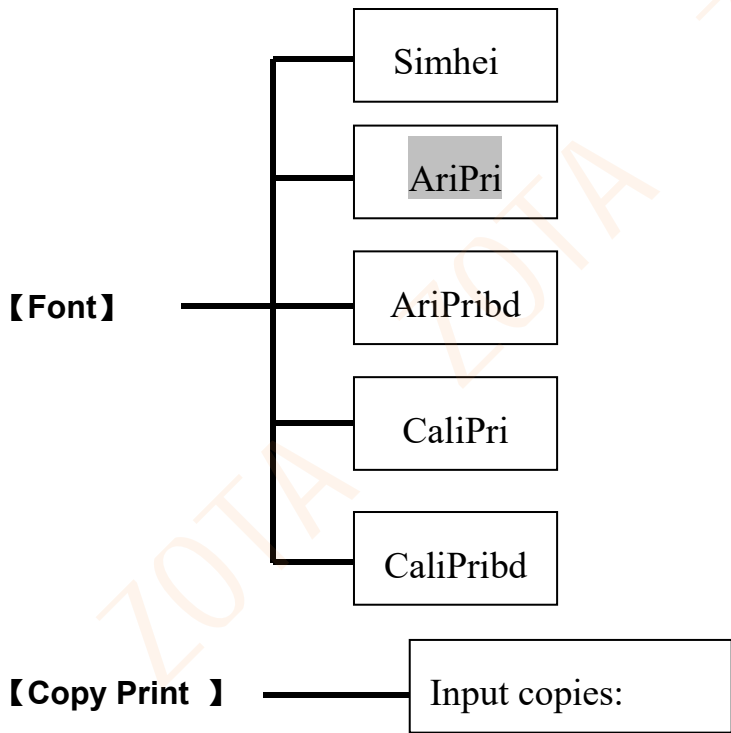










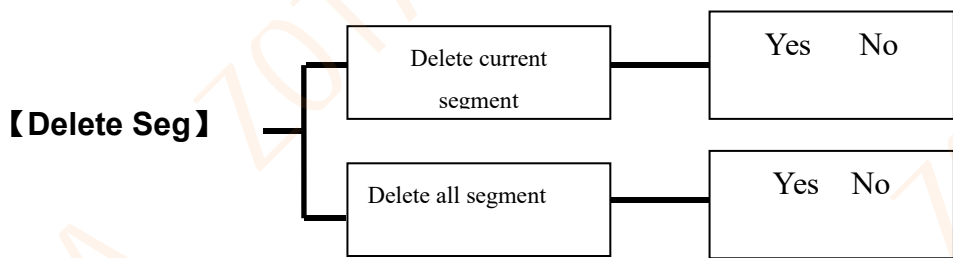


**【Stop】** ———— Cancel the print operation immediately



**【Home】** ———— Move the cursor to the first row of current document

**【End】** ———— Move the cursor to the last row of current document



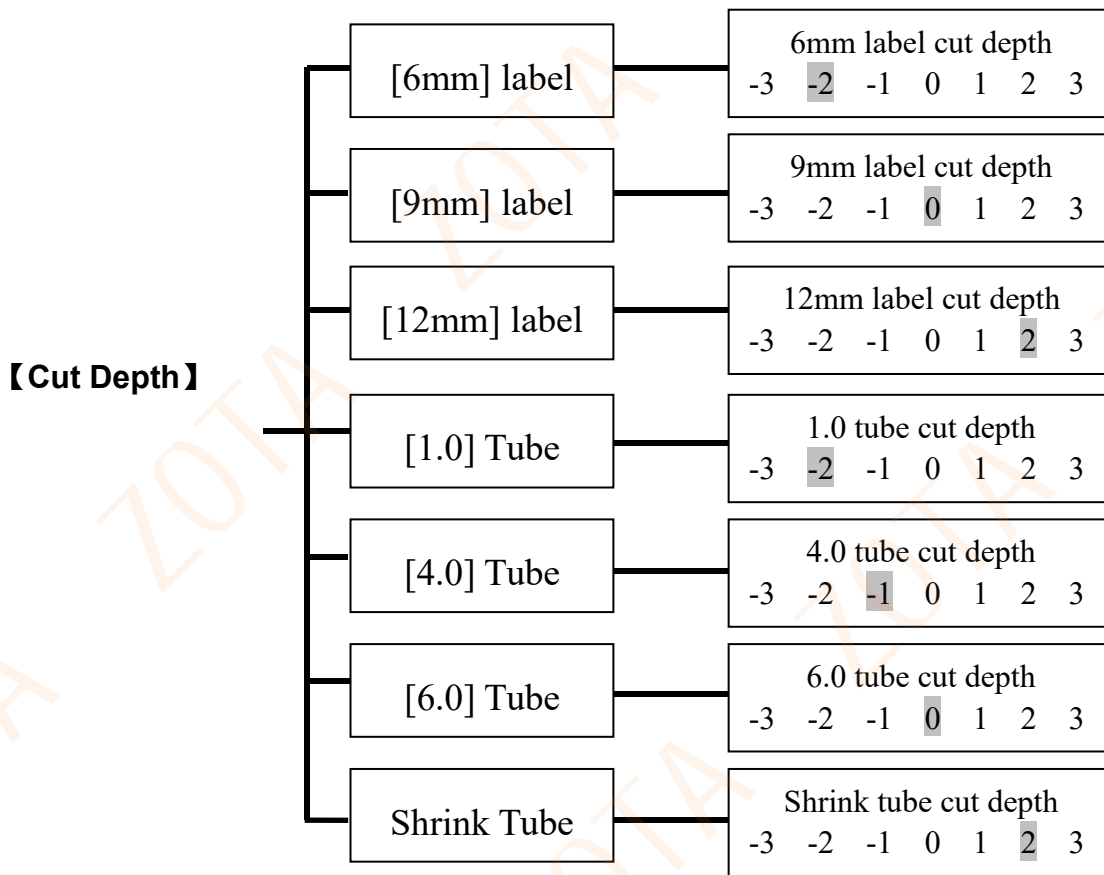
**【Double Rows】** ———— Set the double rows

**【X<sup>2</sup>】** ———— Set the superscript

**【X<sub>2</sub>】** ———— Set the Subscript

**【Print】** ———— Print all documents being edited currently

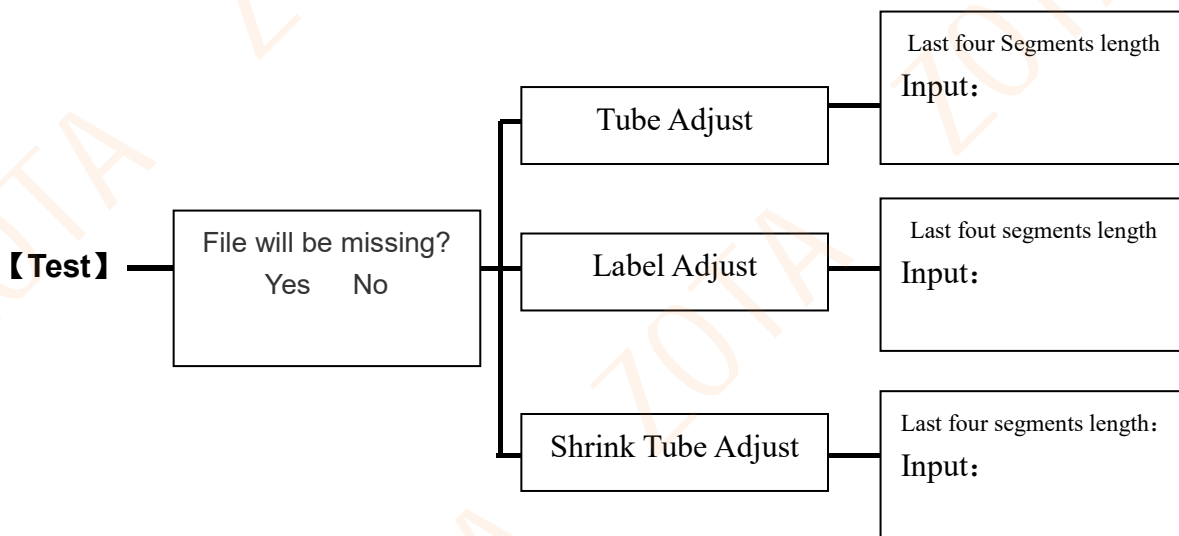
**【Caps lock】** ———— English Caps lock conversion ,Uppercase letter



**【En/Sy】** \_\_\_\_\_ Select input modes(English and special symbols

**【Backspace】** \_\_\_\_\_ Delete the character in front of cursor

**【Shift】** \_\_\_\_\_ Shift key



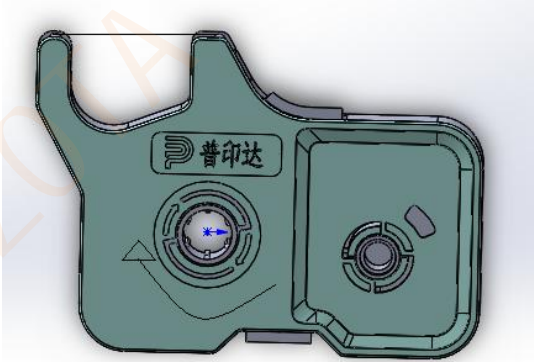
## Chapter 3 Consumable Installation

As an equipment manufacturer, Prinda can provide only four major categories of consumable media including ribbon, label, tube, and cutter group. For other consumable media, please contact with your supplier.

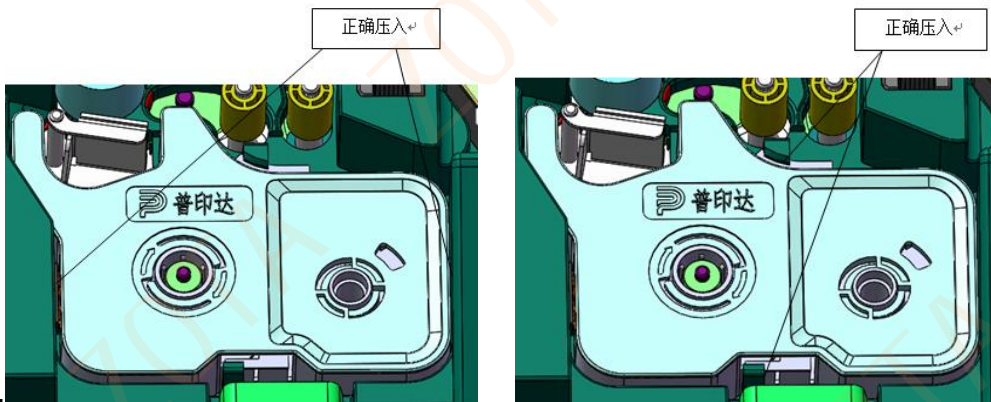
### 3.1 Installation and Removal of Ribbon Cassette

#### a、Installation

1. Tighten the ribbon according to the direction of arrow on ribbon cassette so as to open and flat.

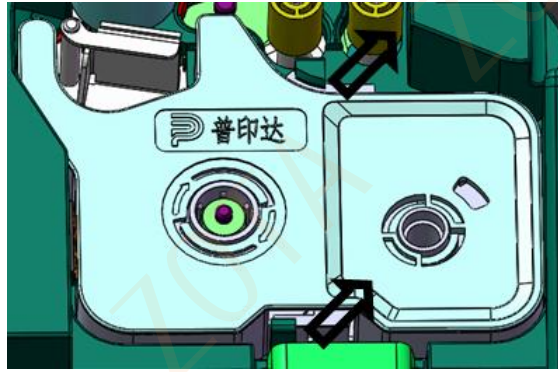


2. Put the print head in a non-printable position.
3. Place the ribbon cassette at the position marked on tube printer



#### b、Removal

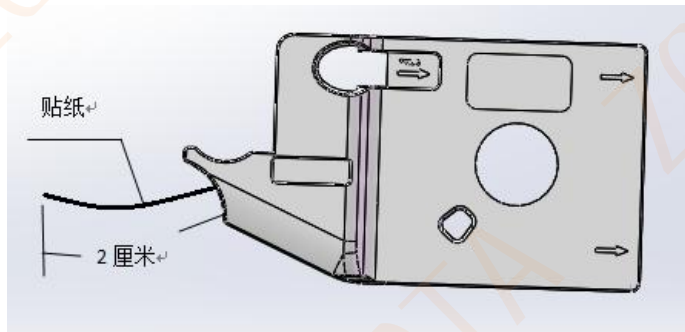
1. Put the print head in a non-printable position.
2. Press the clamping tongue inward with a finger to lift it upward so as to remove the ribbon cassette easily according to the direction of arrow in the following figure.



### 3.2 Installation and Removal of Label Cassette

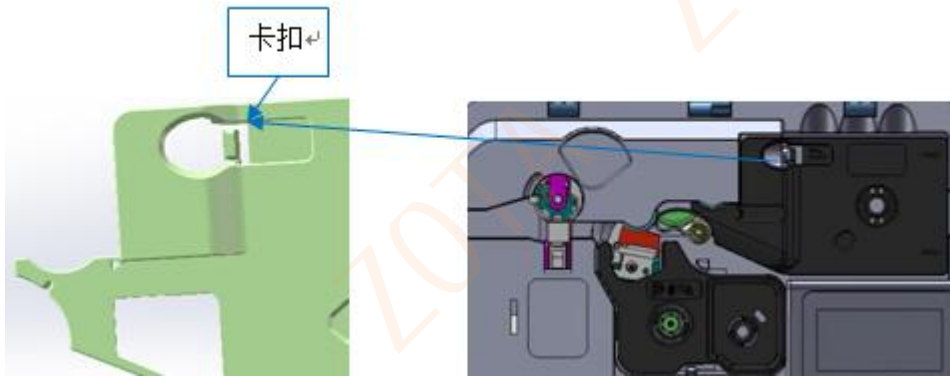
#### a、Installation

1. Please pull the label about 2cm out of the outlet of label cassette. See the following figure.



2. Align the tabs on the label cassette with the holes in the printer, and then push the label cassette in until it clicks into the place;
3. Ensure the front end of label exits the pinch roller.





4. Close the upper cover.

b、Removal

1. Open the upper cover.
2. Make the print head in a non-printable position.
3. Press the clamping tongue in the left of label cassette and lift upward the cassette at the same time.
4. Close the upper cover.

Note:

Do not store any label cassette under the following conditions:

- ① Dirty and dusty place;
- ② Any place with direct sunlight;
- ③ Hot or humid place;
- ④ Any place that the temperature is lower than  $-25^{\circ}\text{C}$  or higher than  $120^{\circ}\text{C}$

### 3.3 Installation and Removal of Tube Adjuster and Tube

a、Installation of tube adjuster

Install a tube into tube adjuster.

(Align the tabs on the tube adjuster with the holes in the printer, and then push the tube adjuster in until it clicks into the place.)

b、Installation of tube adjuster

1. Open the upper cover.
2. Align the tabs on the tube adjuster with the holes in the printer, and then push the tube adjuster in until it clicks into the place.



3. Close the upper cover.

#### C、Removal of tube adjuster

1. Open the upper cover.
2. Press the clamping tongue at left of tube adjuster and lift it upward at the same time
3. Close the upper cover.

#### Note:

Do not place any heavy object on tube. Do not store any tube under the following conditions:

- ① Dirty and dusty places;
- ② Any place with direct sunlight;
- ③ Hot or humid place;
- ④ Any place that the temperature is lower than  $-35^{\circ}\text{C}$  or higher than  $90^{\circ}\text{C}$ ;

### 3.4 Replacement of Cutter and Cutting Board Assembly

#### a、Replacement of cutter

Get the old cutter out, and insert a new one.

#### b、Replacement of cutting board assembly

1. Take the label, plate or tube out of tube printer.
2. Pull out the old cutting board assembly.
3. Insert a new one.

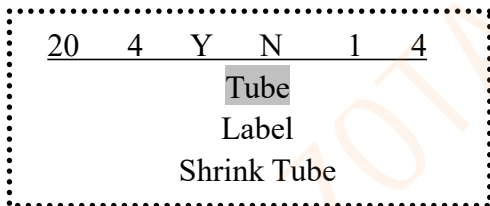
## Chapter 4 Basic Operation

To print contents, please set the option of media and specifications correctly so as to ensure the setting of tube printer corresponds to the media and specifications that you use actually.

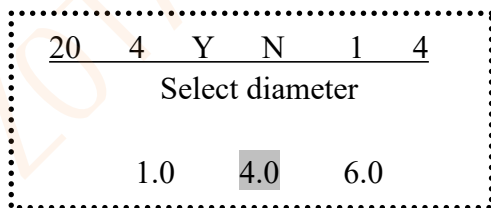


### 4.1 Print of Tube

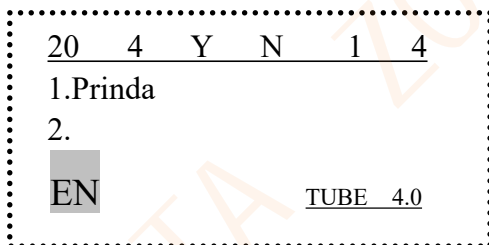
Install the tube, then, press **【Media】** to enter the option of media, it will display as below:



Make a correct selection by **【↓】** and **【↑】** according to the specifications of tube that you have installed. Press **【Enter】** to go into the file input interface so as to carry out content editing.



Press **【Enter】** to go into the file input interface so as to carry out content editing. Input letters, or symbols in turn such as P, r, i, n, d, and a, and there will be 1:Prinda



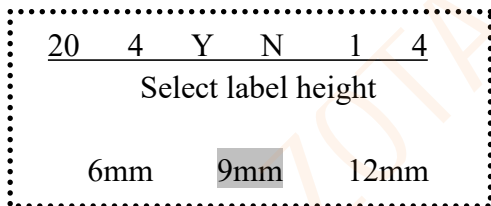
Press **【Print】**, the machine will print the input contents automatically with half-cut and full cut. During the printing process, LCD will display Printing..... After printing, return to the file input interface automatically.

**Note:**

- For 0.5<sup>2</sup>. 0.75<sup>2</sup>. 1.0<sup>2</sup> tubes, please select 1.0,Tube to print charactersize 1 and 2.
- For 1.5<sup>2</sup>. 2.5<sup>2</sup>. 4.2<sup>2</sup>tubes, please select 4.0 Tube to print character size 1, 2, 3 and 4.;
- For 6.0<sup>2</sup> Tube, please select 6.0 Tube to print the character size 1, 2, 3, 4 and 5.

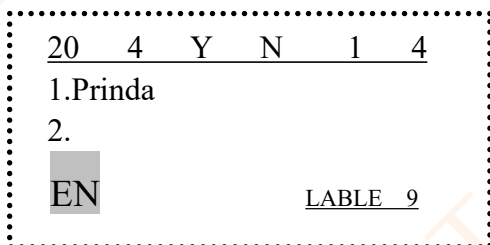
### 4.2 Print of Label

Install the label, then press **【Media】** to the media option. It will display as below:



Make a correct selection by **【↓】** and **【↑】** to select correctly according to the specification of installed label. Press **【Enter】** to go into the file input interface to edit contents.

Input letters or symbols in turn such as P, r, i, n, d, and a, and there will be 1:Prinda



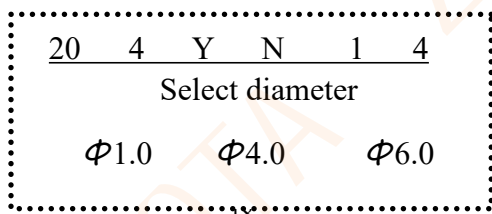
Press **【Print】**, the machine will print the input contents automatically with half-cut and full cut. During the printing process, LCD will display Printing..... After printing, return to the file input interface automatically.

Note:

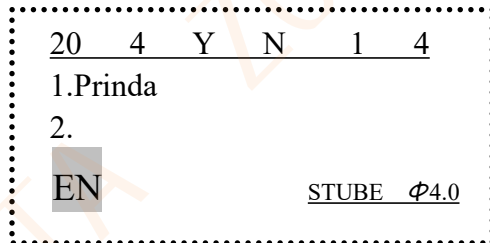
- 1、 For 6mm label, please select single row and character size 1, 2 and 3
- 2、 For 9mm label, please select single row and character size 1, 2, 3, 4 and 5.
- 3、 For 12mm label, please select single row and character size 1, 2, 3, 4, 5, 6 and 7.

### 4.3 Print of Heat Shrink Tube

Install the heat shrink tube, then, press **【Media】** to enter the media option. After select Shrink Tube, press **【Enter】** to get into the file input interface to input the contents



Input letters or symbols in turn such as P, r, i, n, d and a, and there will be 1: Prinda displaying on screen.



Press **【Print】**, the machine will print the input contents automatically with half-cut and full cut. During the printing process, LCD will display Printing..... After printing, return to the file input interface automatically.

Note:

- Printing  $\Phi > 6\text{mm}$  shrink tube may affect the print effect, cause a printing error, or even damage the print head.

## Chapter 5 Operation of Function Key

Note:

- Those contents with **【 】** are expressed according to key names, and those with are expressed as screen display.
- When you operate in error, there will be an error message on display, and the error operation cannot be completed.
- The setting of not-operated function keys are in a factory setting state.
- During the printing period, only **【Stop】** key can work.
- When operate some certain function key, others can work only when the function key completes editing or exit the edit state (only the ESC key can be used to exit the editing state).
- All function keys will return to the file input interface after their settings have been completed.
- For any out of document capacity provisions (the machine can input up to 200 rows in one file), there will be an error display on screen.
- The setting state of new row is same as that of the preceding one.

- I. All 5 functions including Segment length, Char size, Repeat, Frame, and Margin can be related with the cursor position. In setting, the row that the cursor is located and all rows followed by will be set as the same setting. The adjustment of cursor position can be completed with **【Home】** , **【End】** , **【↓】** , **【↑】** , **【→】** and **【←】** .
- J. Large white backlight LCD can display 5-row-and-2-column input contents.
- K. In single row setting, one row on the screen will be one row on the label eventually.  
For a double row setting, the input of both rows' content will show as one line on the screen with a "double line mark" in between. When printed it out, it will be two rows. For screen display, when the line is too long to be shown completely on the screen, the display content will move to the left automatically.
- L. All setting states including Segment length, Char size, Set cut, Frame, Repeat, Density, Media, Caps lock, Input Method, Row Numbering, and Row Content can be displayed on screen.
- M. For double rows, the row space is fixed. For double column, the column space is fixed.
- N. The initial state of letter key is uppercase.

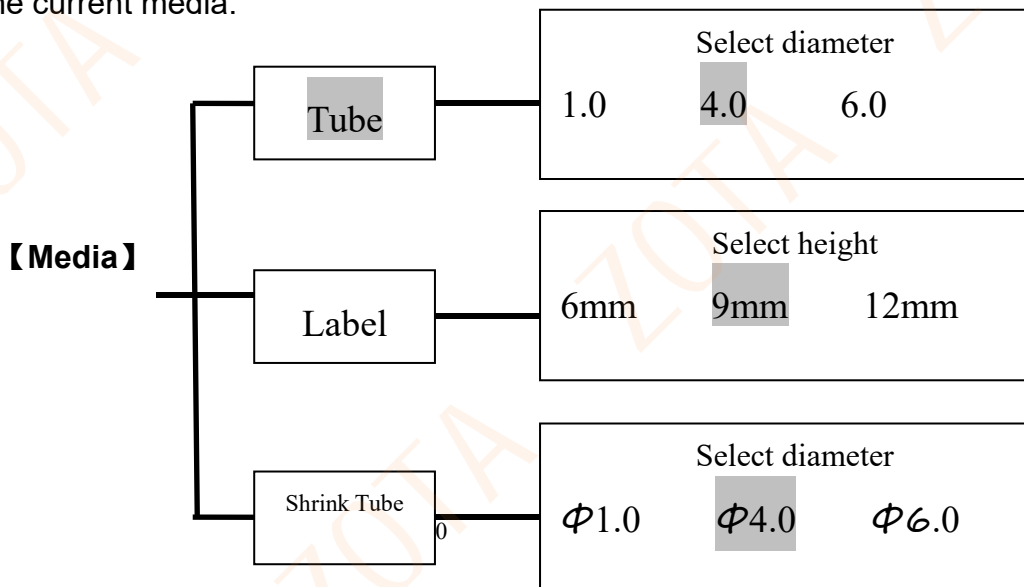
### 5.1 【ESC】

This function is used for exiting the current operation. When return to the previous menu or document input interface, use it.

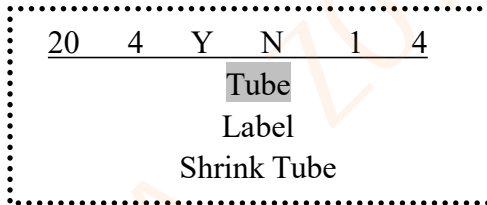
### 5.2 【Media】

Before inputting the print content, be sure to select medias correctly. After replacing print medias, be sure to re-select the setting corresponding to current medias on tube printer. Failure to do so may affect the print effect, cause a printing error, or even damage the print head.

This function makes a most reasonable input environment which matches up with the current media.



Press **【Media】** , it will display as below::



**5.2.1** Press **【↑】** and **【↓】** , select the specific Tube media model. Then, press **【Enter】** to select tube size: 1.0, 4.0, 6.0.

**5.2.2** Press **【↑】** and **【↓】** , select the specific Label media model. Then, press **【Enter】** to select label size: 6mm, 9mm, 12mm.

**5.2.3** Press **【↑】** and **【↓】** , select Shrink Tube, and press **【Enter】** to go directly into a document input interface.

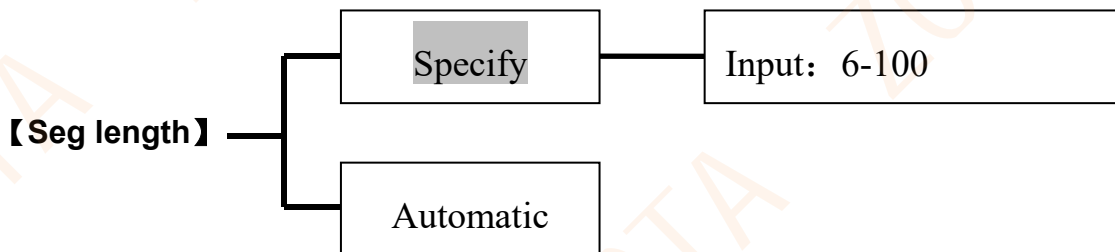
**Note:**

- After selecting media, when the character size is exceed the maximum allowable printing character size of current media, there will be a notification on display screen shown as Character size exceeds limit.

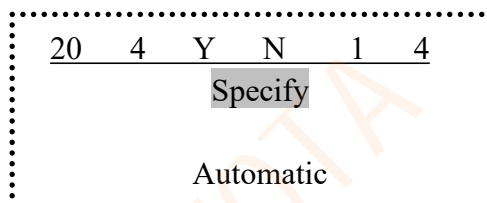
### 5.3 **【Seg Length】**

The specify and the automatic are effective to any row that the cursor is located and all rows that are followed from the above. The adjustment is effective to all rows in the current document.

This function is used to set a segment length of media that you will print. The range of segment length is 6~100 mm, and the segment length can only be selected as n integer



**5.3.1** Press **【Seg Length】** , it will display as below:



### 5.3.2 Specify

After selecting Specify, press **【Enter】** , it will display as below:

20	4	Y	N	1	4
Input: 6-100					

After input the specified segment length directly at the cursor, press **【Enter】** , the row that the cursor is located and all rows followed by will be set as the specify and the interface will automatically return to the file input state.

For example, inputting “15” means that the segment length is 15mm.

#### Note:

When inputting number of character exceed the specified segment length, there will be a prompt Segment length exceeds limit

### 5.3.3 Automatic

This function means that the segment length will be generated automatically according to all including Letters, Symbols, set Char space, Char size and others that you input actually.

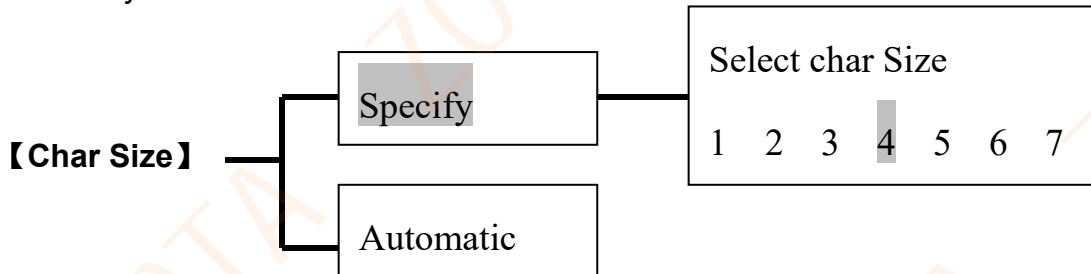
Select Automatic, press **【Enter】** ,and the row that the cursor is located and all rows followed by will be set as an automatic segment length and press **【ESC】** to return automatically to the file input interface.

#### Note:

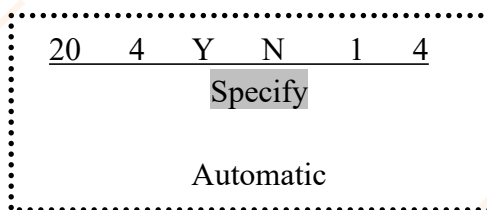
- After the automatic character size has been set, the automatic segment length cannot be used. Otherwise, there will be a notification Only character size or segment length can be set automatic **【ESC】** to return

## 5.4 【Char Size】

The setting is effective for the row that the cursor is located and all rows followed by.

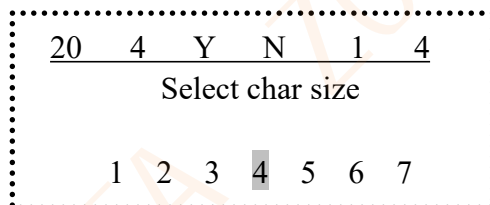


5.4.1 Press **【Char Size】** , it will display as below:



### 5.4.2 Specify

After selecting Specify, press **【Enter】** , it will display as below:



Press **【→】** and **【←】** , move the cursor to certain character size that you want to select. Press **【Enter】** , all character sizes of the row that the cursor is located and all rows followed by will be set the size of selected, and the interface will return automatically to the file input state.

#### Note:

For the machine, the range of different character sizes has been defined according to different specifications and medias. So when the character size that you select has been out of the specified size that you select has been out of the specified range, there will be a prompt Character size exceeds limit. **【ESC】** to return.

### 5.4.3 Automatic

This function means that the machine will adjust the character size automatically to make the input be effective and ensure the segment length of

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medias is unified after the specify has been set.

Select Automatic, press **【Enter】**, and the row that the cursor is located and all rows followed by will be set as an automatic character size and the interface will return automatically to the file input state.

**Note:**

- After the automatic segment length has been set, the automatic character size cannot be used. Otherwise, there will be a notification Only character size or segment length can be set automatic **【ESC】** to return.

### 5.5 **【Repeat】**

After use the command, both the row that the cursor is located and all rows followed by will be set with the same Repeat printing time.

This function is used to set the repeat printing times of selected row, and the repeat range is 1~200 times. The initial setting is repeating 1 time. Repeating 1 time means to print all selected document contents just 1 time.

Press **【Repeat】**, it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Input:1-200  
.....
```

Input any integer between 1 and 200 directly that you want to repeat. Press **【Enter】**, the row that the cursor is located and all rows followed by will be printed repeatedly with the times that you input, and the interface will return automatically to the file input state.

When the input integer is out of the allowable Repeating range, there will be a prompt Error! **【Space】** again. Now, press **【Space】** to return, and input available integer.

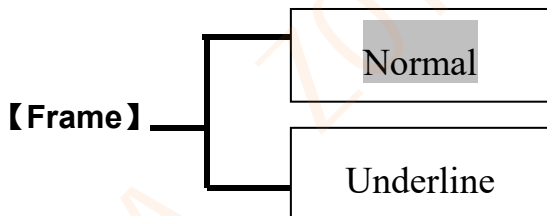
### 5.6 **【Frame】**

After use the command, both the row that the cursor is located and all rows

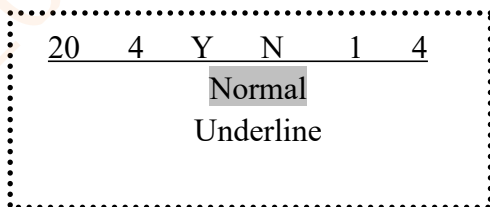


followed by will be set with the same Frame state.

This function is to add a frame or underline for the printed content of some certain row. The normal setting is no frame.



5.6.1 Press **【Frame】** , it will display as below:



### 5.6.2 Normal

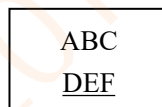
Select Normal, press **【Enter】** , the print content of the row that the cursor is located and all rows followed by will be no frame and no underline.

### 5.6.2 Underline

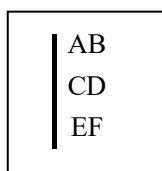
Press **【↑】** and **【↓】** , select underline press **【Enter】** , the print content of the row that the cursor is located and all rows followed by will be added the underline, and the interface will return automatically to the file input state.

Note:

- Add an underline and there will be Underline displayed on screen
- When there is any double rows (horizontal), add a Underline, and the print effect is shown as follow:

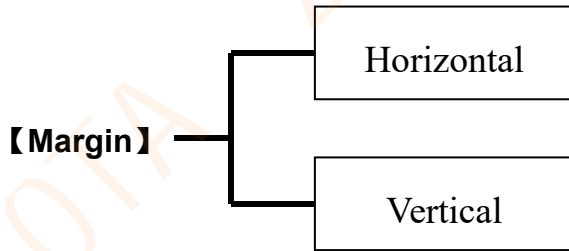


- When there is any double rows (vertical), add a Underline, and the print effect is shown as follow:

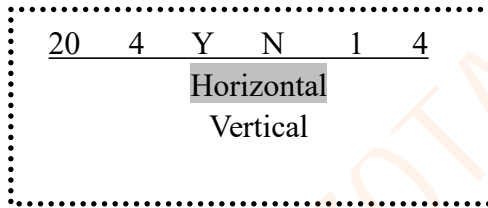


### 5.7 【Margin】

The function is to adjust the print start position and vertical position. You can adjust the printing position slightly up/down or left/right.



Press **【Margin】** , it will display as below:

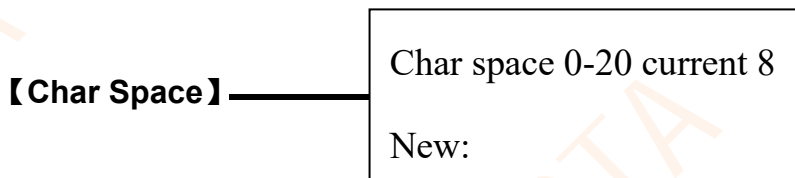


Press **【↑】** or **【↓】** .After selecting, press **【Enter】** , the row that the cursor is located and all rows followed by will be set as the print direction that you select, and the interface will return automatically to the file input state.

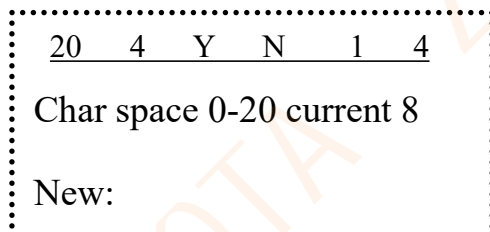
### 5.8 【Char Space】

The setting is effect for all print contents.

The function is to set the distance between characters.



Press **【Char Space】** , it will display as below:



Input the character space you want to set directly, press **【Enter】** , and the character space of all rows will be set, and the interface will return automatically to the file input state.

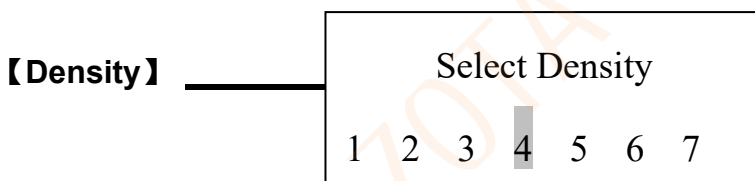
**Note:**

. When the character space you select is too large, there will be a prompt on screen shown as Error! **【Space】** again Now, the interface will return to the file input state. Please reset it.

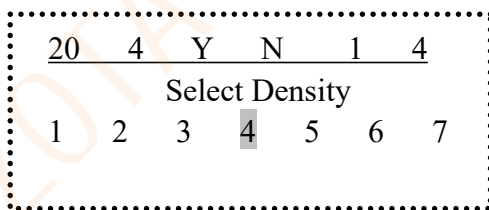
- The character space is 0-20, and the character space is increased in turn.

**5.9 【Density】**

The setting is effective for all print contents.



Press **【Density】** , and there will be a display on screen:



Press **【←】** or **【→】** . After selecting, press **【Enter】** to complete the setting. The interface will return automatically to the document input state. 1, 2, 3, 4, 5, 6 and 7, the print density will be increased in turn.

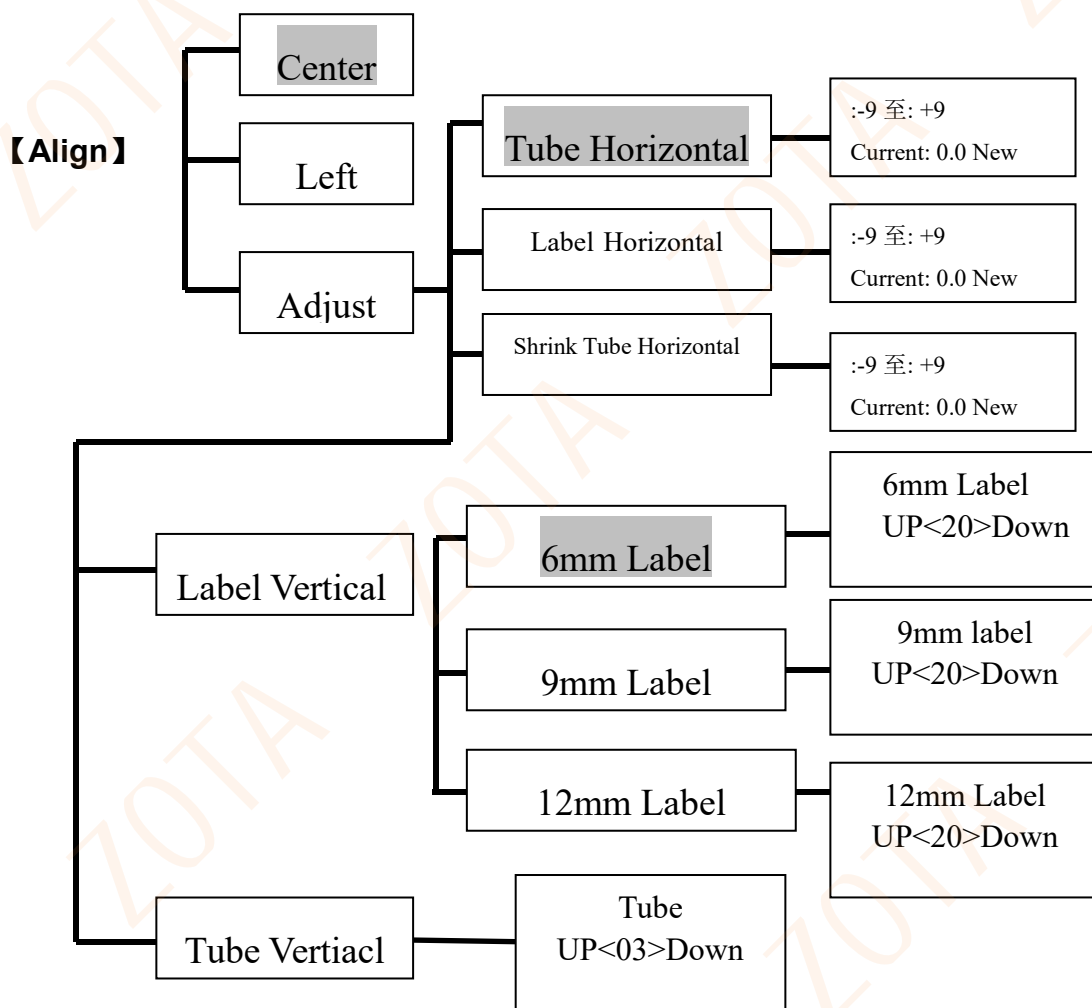
Select the print density according to the ambient temperature: the temperature is high in summer. Please select the lower print density from 1

**5.10 【Align】**

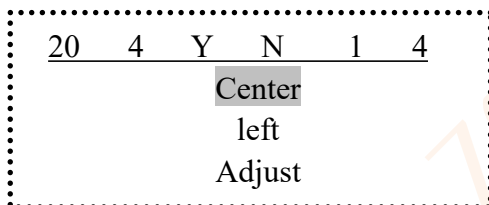
The setting is effect for all print contents.

The print position adjustment means to adjust the position of print contents finely towards to the left or right when there is any media or external condition to effect that the position of print content cannot be placed in the middle or aligned to the left like the pre-setting.

The initial setting is in the middle without any print position adjustment



Press **Align** , it will display as below:



- (1) Center align. Press **Enter** , the print content will be centered, and The interface will return automatically to the file input state.

- (2) Left align. Press **【Enter】** , the print content will be aligned to the left, and the interface will return automatically to the file input state
- (3) Adjust Press **【Enter】** , Press **【↑】** or **【↓】** to select

```

.....
20  4  Y  N  1  4
-----
Tube Horizontal
Label Horizontal
Shrink Tube Horizontal
.....
    
```

Press **【▼】** display Label Horizontal

Press **【Enter】** , it will display as below:

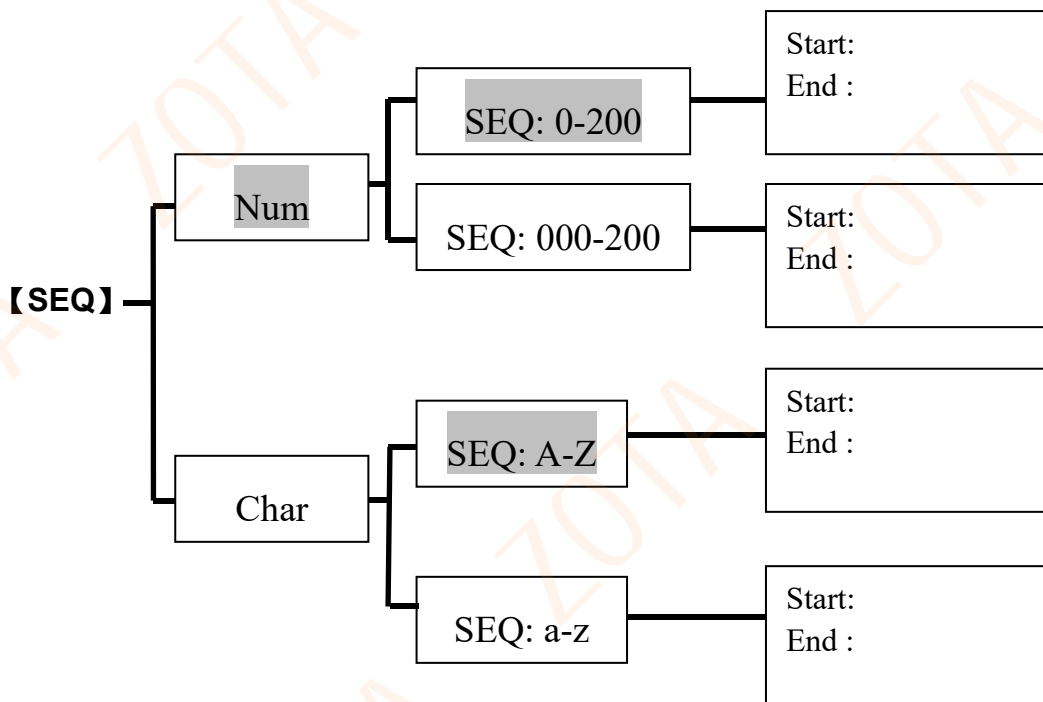
```

.....
20  4  Y  N  1  4
-----
: -9.0 至: +9.0
Current:0.0  New
EN
.....
    
```

### 5.11 【SEQ】

The sequence print function can be realized at any position in some certain row.

The function is to generate continuous row contents according to some certain rules by inputting the limited values or letters. The digital SEQ is a decimal number. Sequence can just be set once in one row.



**5.11.1** Move the cursor to any position for sequence number printing in row. Press **【SEQ】** , it will display as below:

```

.....
 20  4  Y  N  1  4
-----
      Num SEQ
      Char SEQ
.....
    
```

**5.11.2 Insert Num SEQ**

Select Num SEQ , Press **【Enter】** , it will display as below:

```

.....
 20  4  Y  N  1  4
-----
 Num:  0-999
 Num: 000-999
.....
    
```

SEQ form: 0~999 means natural numbers such as 0, 1, 2,.....999.  
 SEQ form: 000~999 means aligned numbers such as 001, 002,.....999.

Press **【↑】** or **【↓】** to select the SEQ **【0-999】** . Press **【Enter】** it will display as

below:

```

.....
 20  4  Y  N  1  4
-----
 SEQ: 【0-999】
 Start:
 End:
.....
    
```

Input an end digit SEQ and complete the setting. Press **【Enter】** , and the interface will return automatically to the file input state.

Now, there will be a Num SEQ prompt on file input interface.

The prompt of natural Num SEQ (0~999) is:



The prompt of natural Num SEQ (0~999) is:



**5.11.3 Insert a Char SEQ.**

selecting SEQ **【A-Z】** , press **【Enter】** , it will display as below:

```

.....
 20  4  Y  N  1  4
-----
 Char: A-Z
 Char: a-z
.....
    
```

SEQ form: A-Z means uppercase English letters.

SEQ form: a-z means lowercase English letters.

Input a beginning Char SEQ, press **【Enter】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
Char: 【A-Z】  
Start :  
End   :  
.....
```

Input an end Char SEQ and complete the setting. Press **【Enter】** , and the interface will return automatically to the file input state.

Now, there will be a Char SEQ prompt on file input interface.

The prompt of uppercase Char SEQ (A-Z) is:



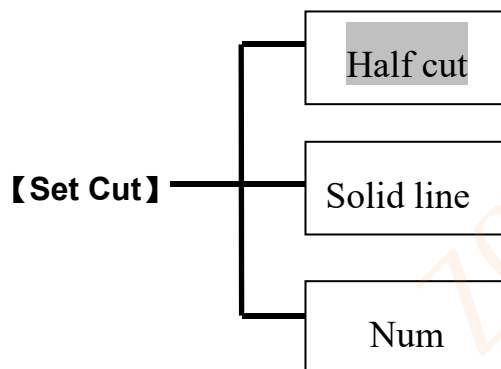
The prompt of lowercase Char SEQ (a-z) is:



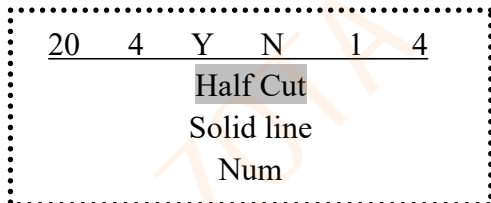
### 5.12 **【Set Cut】**

The setting is effect for all print contents.

The function is to set half cut, solid line, normal (neither half cut nor solid line). The initial setting is half cut.



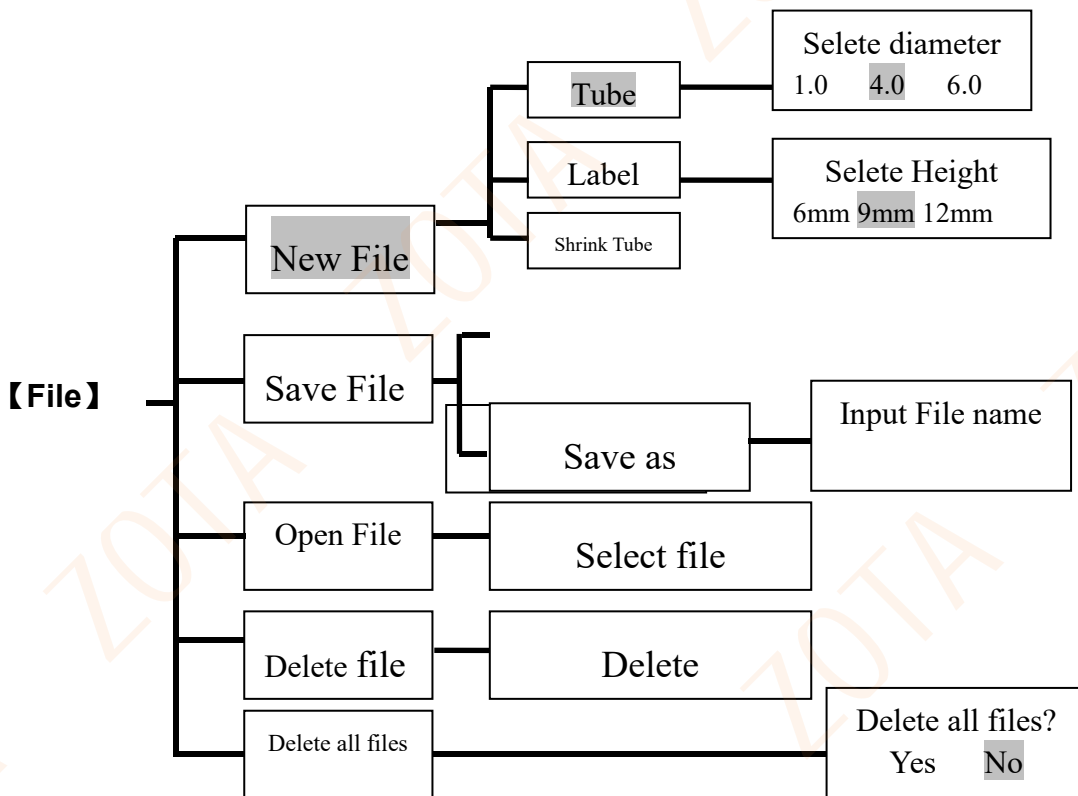
Press **【Set cut】** it will display as below:



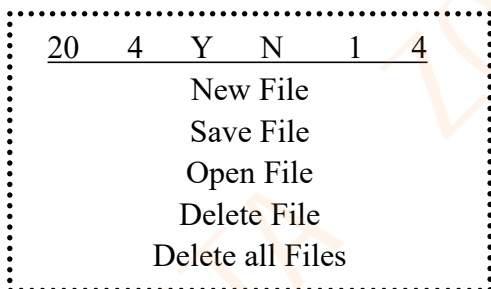
Press **【↑】** or **【↓】**. After selecting, press **【Enter】** to complete the setting. The interface will return automatically to the file input state.

### 5.13 **【File】**

This function is to specify a document name for all input data and then store in the machine. The stored file can be opened and deleted.



Press **【File】** it will display as below:





### 5.13.1 New file

(1) After selecting New file, press **【Enter】**

```
.....  
20  4  Y  N  1  4  
-----  
      Tube  
      Label  
      Shrink Tube  
.....
```

selecting Tube, press **【Enter】**

```
.....  
20  4  Y  N  1  4  
-----  
      Select Diameter  
  
      1.0  4.0  6.0  
.....
```

selecting Label, press **【Enter】**

```
.....  
20  4  Y  N  1  4  
-----  
      Select height  
  
      6mm  9mm  12mm  
.....
```

(2) If there is any content has been edited in operation, it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
      Save current file?  
  
      Yes  No  
.....
```

After selecting Yes, press **【Enter】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
      Inpue File Name  
  
EN  
.....
```

### 5.13.2 Save File

After selecting Save file, press **【Enter】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
      Inpue File Name  
  
_____  
.....
```

Input a document name (10 characters at most):

- (1) If there is any input file name or the current document has been stored in operation, it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
      Save  
      Save as  
.....
```

You may select to Save the original file or save it as a new file.

- (2) If there is not any previous file name that you input, press **【Enter】** to save the file and return to the document input interface after inputting the file name.

**Note:**

- The machine can store up to 10 files.

### 5.13.3 Open File

Select Open Local File, and press **【Enter】**

- (1) If there is not any file, it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
      No File  
      【ESC】 to return  
.....
```

- (2) If there is any file, it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Select File name  
1: XX  
2: XXX  
.....
```

Select a file name, press **【Enter】** to open the selected file.

### 5.13.4 Delete File

selecting Delete Local File, press **【Enter】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Delete File name  
1: XX  
2: XXX  
.....
```

After selecting any file to delete, press **【Enter】**, the file will be deleted and the interface will return to the document input state.

### 5.13.5 Delete all files

Select Open Local File, and press **【Enter】**

```
.....  
20  4  Y  N  1  4  
-----  
Delete all Files?  
Yes      No
```

Select Delete all local files, press **【Enter】**, all stored files will be deleted, and the interface will return to the document input state.

### 5.14 【Cursor Print】

The function is to print according to the input range (the blank row will not be printed).

**【Cursor Print】**

—————

Input range Start : End :
---------------------------------

Press **【Cursor Print】**, it will display as below:

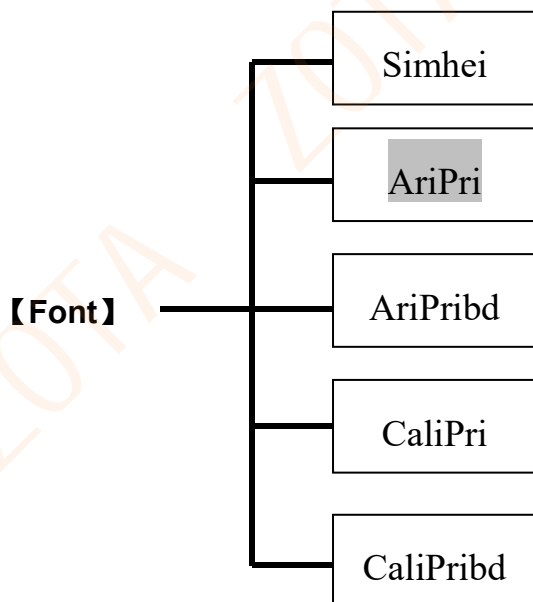
```
.....  
20  4  Y  N  1  4  
-----  
Input range  
Start :  
End :
```

When input the number of end row, press **【Enter】**, and the tube printer will start to print.

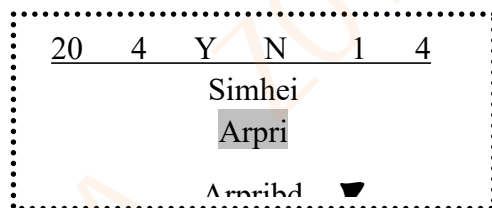
If you do not input any start row number, the default is to print from beginning. If you not input any end row number, the default is to print until the end. This means that the machine will print from the beginning to the end if you do not input any start and end row number.

### 5.15 【Font】

The function is to select font.



Press **【Font】** , it will display as below:

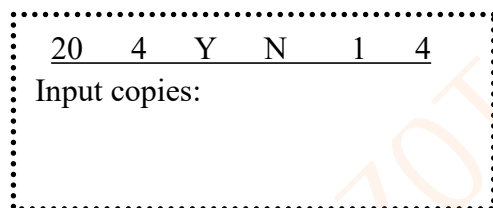


### 5.16 【Copy Print】

**【Copy Print】**

Input copies:

Press **【Copy Print】** , it will display as below:



When you input the copy number, press **【Enter】** and the tube printer will start to print.

### 5.17 【Stop】

This function is to stop the printing action during the printing process.

Press **【Stop】** , the tube printer will stop printing, it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Printing End  
[ESC] to return  
.....
```

**Note:**

- During the printing process, only **【Stop】** can work, any other button cannot work.

### 5.18 【Rev Feed】

This function is to reverse the rotation of rubber roller. When the printing objects jam on the rubber roller because of media difference or misuse, press the key to rotate it in reversion to take out the entanglement.

Press **【Rev Feed】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Feed revercal?  
Yes      No  
.....
```

After selecting Yes, press **【Enter】** , the rubber roller may rotate reversely.

Repeat the operation till get the entanglement out.

**Note:**

- Before taking the reverse operation, make sure to open the Upper Cover. The print head will return to a non-print state.

### 5.19 【Home】

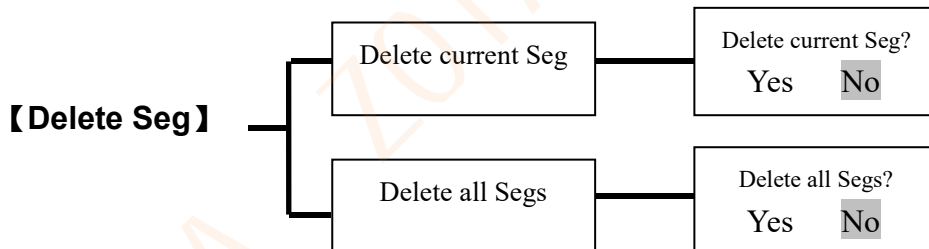
This function is to move the cursor to the first row of current file.

### 5.20 【End】

This function is to move the cursor to the last row of current file.

### 5.21 【Delete Seg】

The function is to delete the segment content that the cursor is located.



Move the cursor to any segment to be deleted. Press **【Delete Seg】**, it will display as below:

```

.....
 20  4  Y  N  1  4
-----
Delete current segment
Delete all segments
.....
    
```

- (1) After selecting Delete current segment, press **【Enter】**, it will display as below:

```

.....
 20  4  Y  N  1  4
-----
Delete current segment?
      Yes      No
.....
    
```

Select Yes to delete the segment.

The segment cannot be restored after being deleted.

The rest rows will be reordered.

- (2) After selecting Delete all segments, press **【Enter】**, it will display as below:

```

.....
 20  4  Y  N  1  4
-----
Delete all segments?
      Yes      No
.....
    
```


Select Yes to delete the segment.

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All segments cannot be restored after being deleted.

All rows will be reordered.

## 5.22 【Double Rows】

This function is to input double rows in a row. Input the first line of content into the segment, then, move the cursor to the end of the segment. Press **【Double Rows】**, the double rows prompt:  will appear, then, re-input the second row content.,

### Note:

- When printing double rows on 9mm label, character size can only be selected as 1 and 2.
- When printing double rows on 12mm label, character size can only be selected as 1, 2 and 3.
- Do not set any double rows if print 0.5<sup>2</sup>. 0.75<sup>2</sup>. 1.0<sup>2</sup>、 1.5<sup>2</sup>、 2.5<sup>2</sup> Tubes
- When printing double rows on 4.0<sup>2</sup>、 6.0<sup>2</sup>\_tube, character size can only be selected as 1 and 2.
- Plate 4mm and 4.6mm cannot be set double rows anytime.
- After setting a double rows print, press the double rows key, and there will be a display shown on screen: Already double rows.

## 5.23 【X<sup>2</sup>】 【X<sub>2</sub>】

This function is to generate a superscript or subscript.

### 5.23.1 X<sup>2</sup>

After moving the cursor to a character to generate the superscript, press **【X<sup>2</sup>】**

and there will be a superscript:  prompt after the character appears.

Then input a superscript character. For example, input a superscript 2

following with a character 7, the print effect is 7<sup>2</sup>

### 5.23.2 X<sub>2</sub>

After moving the cursor to a character to generate the subscript, press **【X<sub>2</sub>】**

and there will be a subscript:  prompt after the character appears.

Then input a subscript character. For example, input a subscript 2 following with Character B, the print effect is B<sub>2</sub>.

**Note:**

- Once press the button of  $X_2/X^2$ , there is only one  $X_2/X^2$ . If one character will generate many  $X_2/X^2$ , Repeat to press the button of  $X_2/X^2$ .
- The  $X_2/X^2$  is invalid for all size 1 character.

**5.24 【Print】**

This function is to print all row contents of current document after various functions have been set and contents have been input.

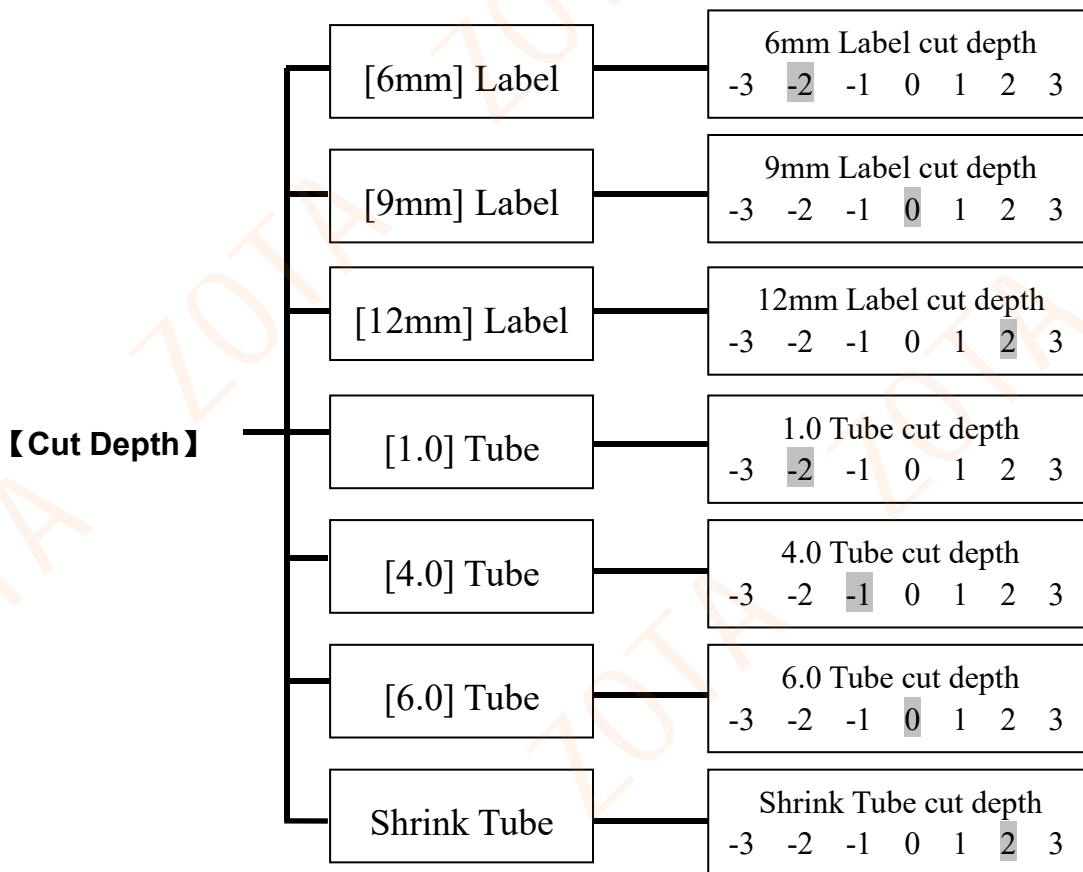
Blank row will not be printed.

During a printing process, there will be Printing..... shown on screen.

**5.25 【Caps Lock】**

This function is to transfer the uppercase and lowercase. The initial setting is uppercase .

**5.26 【Cut Depth】**





**5.26.1** Press **【Cut Depth】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
    【6mm】 Label  
    【9mm】 Label  
    【12mm】 Label ▼  
.....
```

**5.26.2 Adjustment of label half cut depth**

selete 6mm label,Press **【Enter】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
    6mm Label cut depth  
-3  -2  -1  0  1  2  3  
.....
```

Press **【→】** or **【←】** to select, press **【Enter】** to complete the selection of label half cut depth. The Half cut depth will be increased from -3 to 3.

If there is still not any satisfied half cut effect after selecting Half-cut Depth 3,this indicates to replace the cutter group necessarily.

**5.26.3 Adjustment of tube Half cut depth**

selete 1.0 Tube,Press **【Enter】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
    1.0 Tube cut depth  
-3  -2  -1  0  1  2  3  
.....
```

Press **【→】** or **【←】** to select an appropriate Half-cut depth, and complete the selection of tube Half-cut depth. The Half-cut depth will be increased from -3 to 3.

If there is still not any satisfied Half cut effect after selecting Depth of Half-cut 3, this indicates that the cutter unit may need to be replaced.

**5.26.4 Adjustment of heat shrink tube half-cut depth**

After selecting Shrink tube, press **【Enter】** , it will display as below:

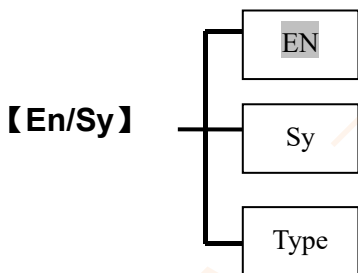
20	4	Y	N	1	4	
Shrink Tube cut depth						
-3	-2	-1	0	1	2	3

Press **【→】** or **【←】** to select, press **【Enter】** to complete the selection of heat shrink tube Half-cut depth. The half-cut depth will be increased from -3 to 3.

If there is still not any satisfied half-cut effect after selecting Half-cut Depth 3, this indicates to replace the cutter group necessarily.

### 5.27 **【En/Sy】**

The function is to converse the input functions English and special symbols. The initial setting is English uppercase.



press **【En/Sy】** , select the English or Symbols.

Select Sy , input number 1-8, you can select different symbols

**Note:**

- En: English Input method.
- Sy: Special symbol Input method.

### 5.28 **【Backspace】**

This function is to delete characters in the front of the cursor.

Move the cursor to the back of characters to be deleted. Press **【Backspace】** to delete characters in the front of cursor.

Press **【Backspace】** continuously to Del all characters in the row. But the SEQ of row cannot be deleted. Any blank row generated in the process will not be printed.

If delete any row, press **【Delete Seg】** .

**Note:**

- Any character will not be restored after being deleted.

**5.29 【←】 【→】**

This function is to move the position of cursor or carry out other function options.

**5.30 【↑】 【↓】**

This function is to move the cursor among rows or carry out other function options.

**5.31 【Shift】**

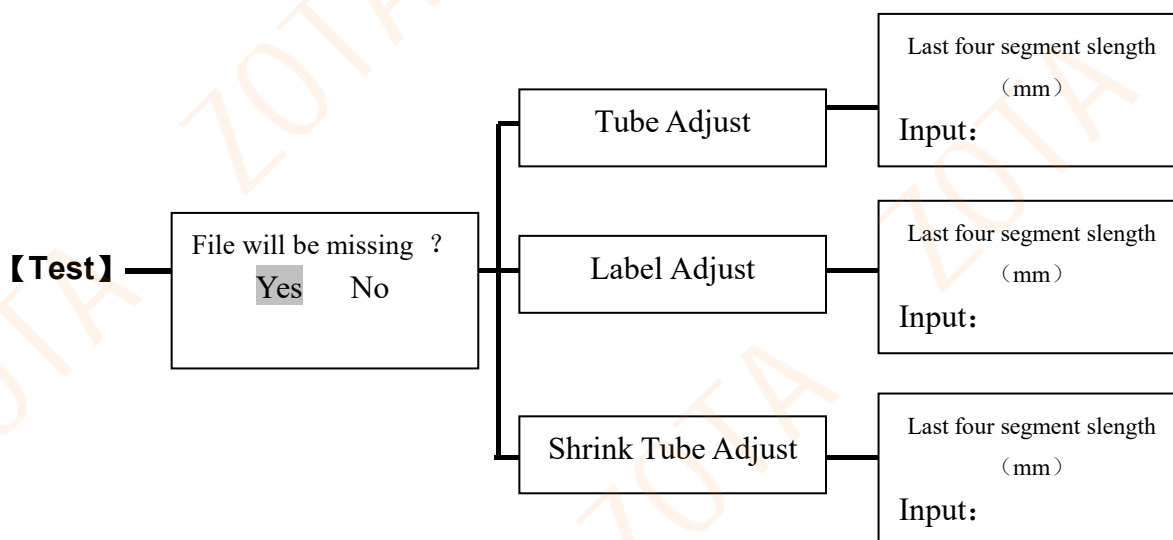
This is the Shift key.

**5.32 【Test】**

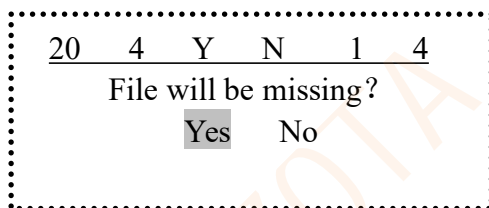
This function is to test the print effect of tube printer.

Because of environment temperature difference or media material difference, the actual printing segment length may be different from the setting segment length.

This function is useful when there is a large difference between the actual printing segment length and the setting segment length.

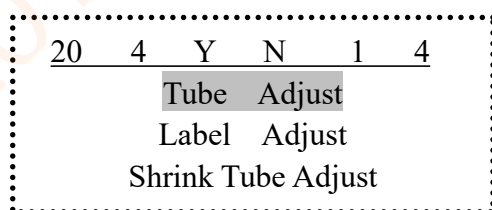


**5.32.1** Press **【Test】** , it will display as below:



Select No, and return to the file input interface;

Select Yes, it will display as below:



### 5.32.2 Test

Select Tube 4.0, confirm installing the tube, press **【Enter】**, and start to print.

Select Label 9mm, confirm installing the label, press **【Enter】**, and start to print.

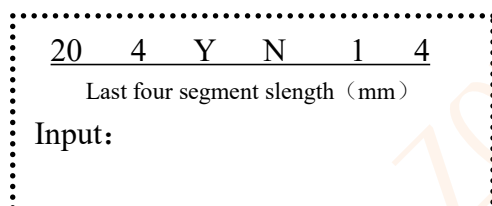
Select Shrink tube, confirm installing the heat shrink tube, press **【Enter】**, and start to print.

Select Shrink tube, confirm installing the plate, press **【Enter】**, and start to print

Now, you can check the print effect of tube printer.

### 5.32.3 Adjustment

After printing, it will display as below:



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For example, the total actual printing segment length of last 4 segments is 96.5mm. After input "96.5", press **【Enter】** .

By the function, you can adjust the actual printing segment length to be consistent with the setting segment length.

### 5.33 **【Enter】**

This function is used for inserting a new row between two previous rows or at the end of the file.

#### 5.33.1 Inserting a new row at the end of the file.

Move the cursor to the last row in the file. Press **【Enter】** and there will be a new row.

#### 5.33.2 Inserting a new row between two previous rows.

Move the cursor to some certain row, press **【Enter】** and there will be a new row generating between the two previous rows.

**Note:**

- The setting of the new row is same as the previous one.
- The sequence number of new row shall be arranged in sequence. The number of rows in one file is up to 200.
- Any new empty inserting row will be ignored in printing process.

## Chapter6 Combination of function keys Setting

### 6.1 Screen Brightness Adjustment

Press **【Ctrl】** and **【+】** / **【-】** at the same time, LCD brightness will change.

**【Ctrl】** + **【+】** Become light

**【Ctrl】** + **【-】** Become darken

### 6.2 Sensor Adjustment

Press **【Print】** ,If screen display error as below:

```
.....  
20  4  Y  N  1  4  
Feed Madia Error  
[ESC] to return  
.....
```

This Error must Adjust sensor.

Press **【Ctrl】** and **【E】** at the same time, Feeding sensor will change voltage.

Press **【Ctrl】 + 【E】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Clean the channel  
[Enter] to excute  
[ESC] to return  
.....
```

Press **【Enter】** , Tube printer will adjust automatic.

Press **【ESC】** , Tube printer will be return.

### 6.3 On/off Media Sensor

This function is used for printing Black or deep-color Tube.

Press **【Ctrl】** and **【E】** at the same time, media sensor will be on/off.

Media sensor normal is on.

#### 6.3.1 Off Media Sensor

Press **【Ctrl】 + 【B】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Turn off the Media sensor  
[ESC] to return  
.....
```

Media sensor has been turned off successfully when screen showed this message.

Press **【ESC】** to return.

#### 6.3.2 On Media Sensor

Press **【Ctrl】 + 【B】** , it will display as below:

```
.....  
20  4  Y  N  1  4  
-----  
Turn on the Media sensor  
[ESC] to return  
.....
```

Media sensor has been turned on successfully when screen showed this message.

#### 6.4 Printer Info

This function is used for checking Printer information.  
Press **【Ctrl】** and **【I】** at the same time, printer info will be displayed.

Press **【Ctrl】** + **【I】** , it will display as below:

```
.....  
Model   P7A0  
Program 06-05  
ID      23057038  
Printed 00061  
.....
```

## Chapter 7 Computer Software Operation

Before connecting with the computer, please exit the tube printer from function key operation interface to file input interface.

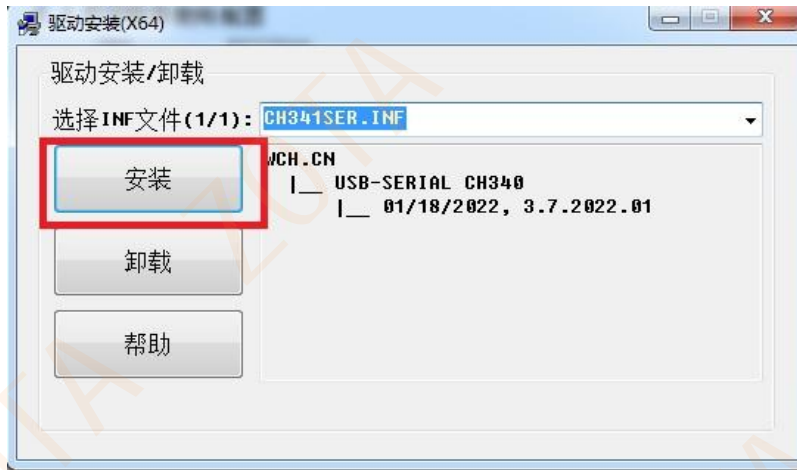
### 7.1 Software Configuration of Computer Tube Printer

CPU : PIII500  
Memory : 64M  
Hard disk : 500M 剩余空间  
Operating system : windows2000/ XP/win7

The system which is equal or higher than the above configuration can operate the software without any problem.

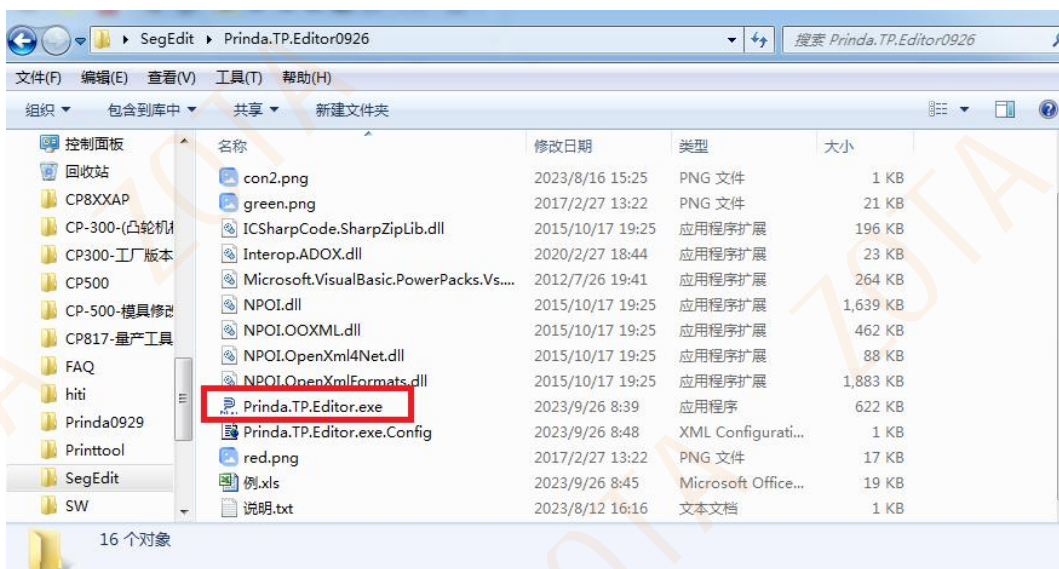
### 7.2 Driver Installation

1. Turn on power and connect computer with USB-cable.
2. selete“驱动安装”File and decompression this file on computer.
3. selete“CH341SER”and “SETUP.EXE”.
4. selete“安装”, printer driver has been installed sucessfully.

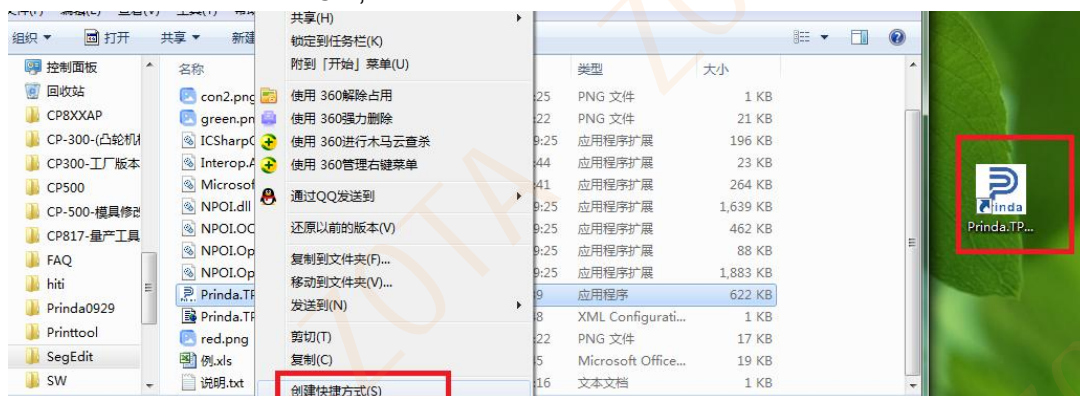


### 7.3 Software Prinda.TP.Editor Installation

1. Exit the tube printer from function key operation interface to file input interface.
2. Open software “Prinda.TP.Editor”and setup.







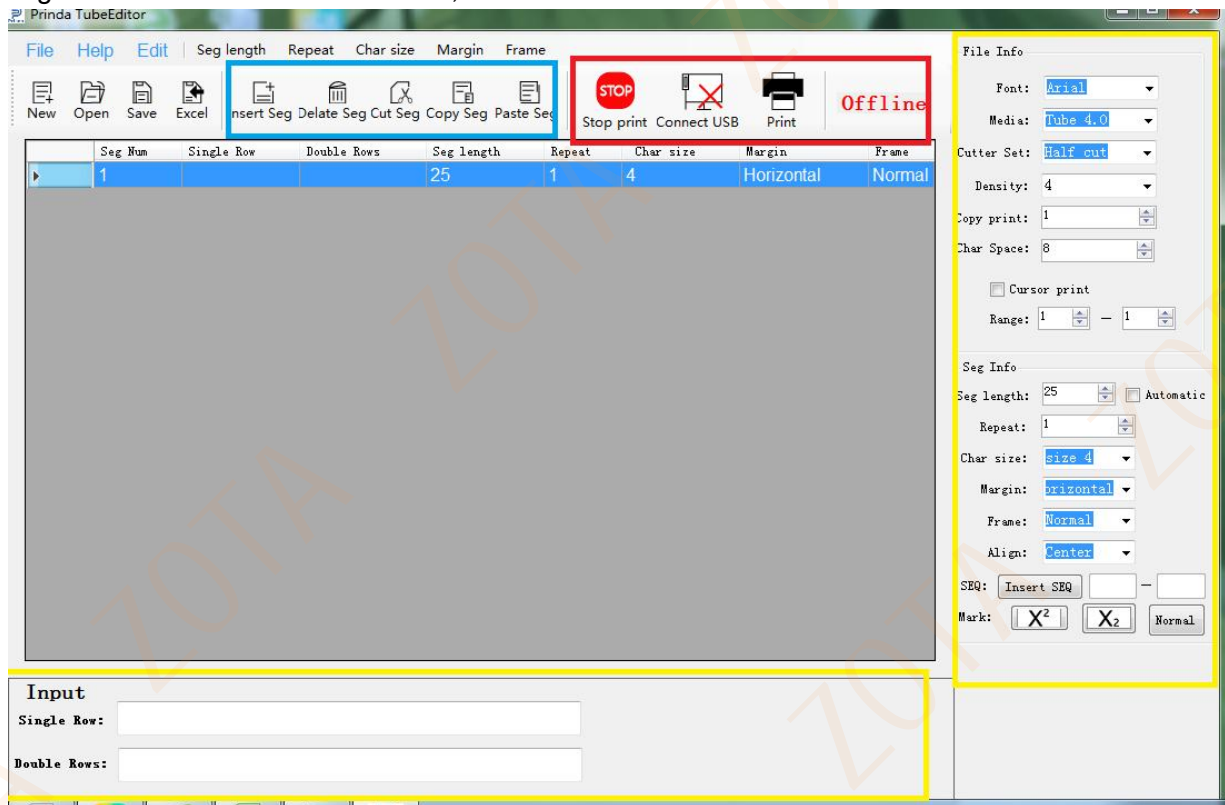
## 7.4 Software Prinda.TP.Editor Setting

1. Exit the tube printer from function key operation interface to file input interface。

Usb-logo will be displayed on screen.



2. Function Description



1) Printer status area in red box :

**Print** This function is to print all row contents of current document after various functions have been set and contents have been input.

**Stop** This function is to stop the printing action during the printing process.

**connect USB** This function is to return Printer alone mode.

2) Input content area in yellow box:

Single row: Print single row content.

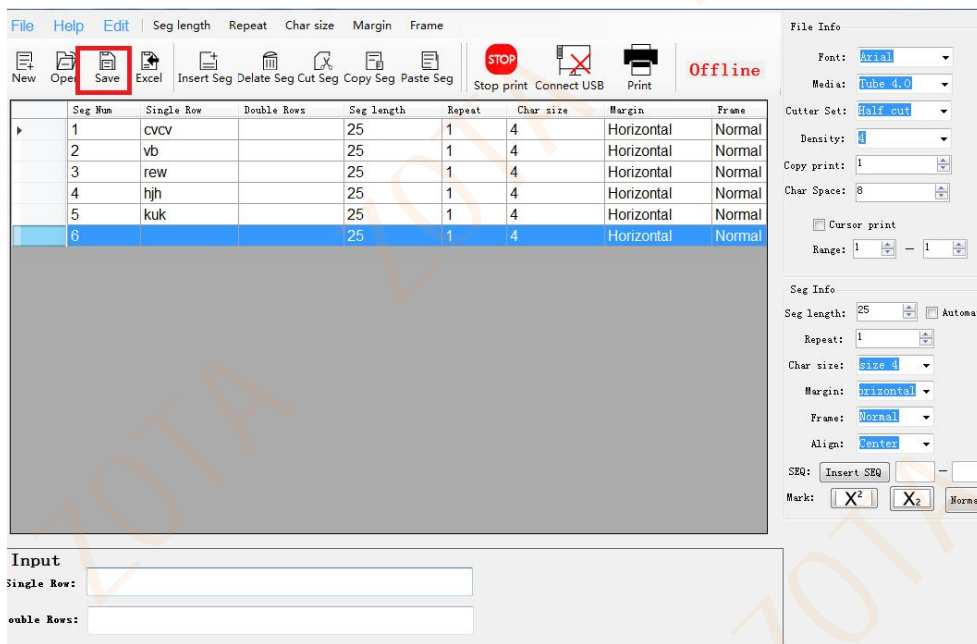
Double rows: Print double rows contents at the segment.

3) File info and segment info in yellow box:

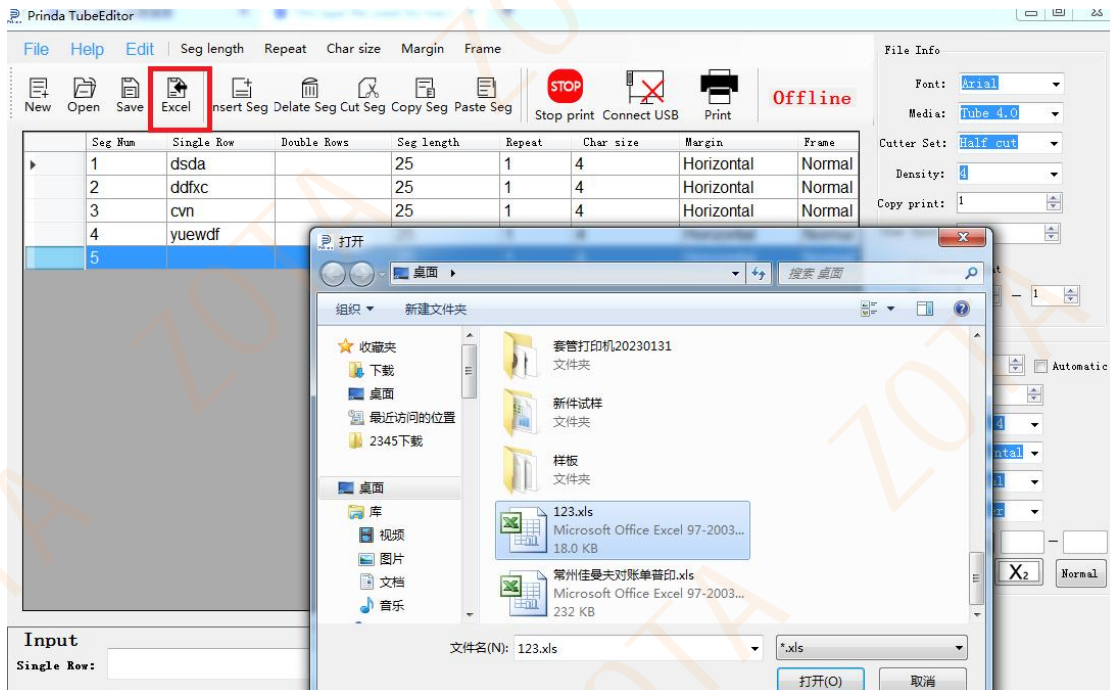
File info setting: Parameters be valid for all the segments.

Segment info setting : Parameters be valid for current the segment.

### 3.Database Import and Export



- 1) Save function is to Exporting file ;  
Save file type: .pde.
- 2) This type file used for transferred on the network,  
It can be opened for Prinda.TP.Editor only.



3) Import file use Excel function

Note:

- 1.Excel support.xls mode only.
- 2.Excel support two column of dates at most.
- 3.Excel Not support Ctrl+C and Ctrl+V.

## Chapter 8 Others

### 8.1 Trouble shooting

<b>CP8XX Tube Printer</b>		
<b>Fault Phenomenon</b>	<b>Fault Cause</b>	<b>Troubleshooting Method</b>
The content is not Centered after half-cut	Different medias with different segment lengths	Please adjust the position of contents in segment length by Margin.
Actual segment length is different from the setting	Different medias	Please adjust by the Test function
Half -cut effect is not good	The lifetime of half cutter is out of service	Please replace it with a new one.
No printing action in on row printing	Not install any driving software	Please install the driving software
Printing is not clear	Tube media is too hard There are stains on tube surface	Please clean the tube or replace it with a qualified one.
	Ribbon is curled	Please take it out. Use it after coiling and leveling, or replace it
	Print head is worn or scratched	Please replace it.
	The setting of media does not correspond	Please modify the media type setting of machine that shall be same as the ones in actual operation.
	Ambient temperature is too low or high	Please adjust the printing density or change the ambient temperature of machine operation.
Printing content is incomplete	Character size is set too large	Please reset a smaller character size.
	Ribbon is out of way	Please take it out and adjust it
	Media specification is not set correctly	Please change the media type setting of machine which should be same as the one in actual operation.

	Print head is worn or scratched	Please replace it
Act without print content	Print head is not connected correctly	Connect the print head correctly
	Print head is damaged	Please replace it.
Label sticks to cutter	Half-cut is too deep	Select a smaller half-cut depth.
	Adhesive on blade	Clean the blade
Ribbon is out of way or curled	Tube adjuster	Replace the tube adjuster
	Ribbon	Replace the ribbon
Roller is wrapped with label	Rubber is left on label surface	Press [Rev Feed] to take it out
Print medias are not fed	External force on tube	Ensure the tensile force on tube is not more than 5.0N. Otherwise, the printer will not feed medias successfully.
	Roller is not clear	Please clean the roller.
	Foreign body in channel	Clean the channel

## 8.2 How to Operate the Tube Printer Correctly

1. It is important to keep the tube clean. In this case, it can protect the print head and keep the inside of your machine clean.
2. Ensure there is no external force on tube which leads the feeding process goes smoothly.
3. Do not dismantle the machine without any authority. The tube printer is a precision machine. Inexperienced personnel action may damage machine parts and lose the warranty service.
4. After operation, put it into the hard case.

**8.3 Specification of Original Consumables**

<b>Type</b>	<b>Name</b>	<b>Model</b>
Ribbon	Ribbon cassette(Black)(100m/box)	CP801B
	Ribbon cassette(White) (80m/box)	CP802W
	Ribbon cassette(Red) (80m/box)	CP803R
Label	Label cassette tape(Yellow 6mm) (16m/box)	CP806Y
	Label cassette tape(White 6mm) (16m/box)	CP806W
	Label cassette tape(Yellow 9mm) (16m/box)	CP809Y
	Label cassette tape(White 9mm) (16m/box)	CP809W
	Label cassette tape(Yellow 12mm) (16m/box)	CP812Y
	Label cassette tape(White 12mm) (16m/box)	CP812W
Cutters	Cutters	CP815C