








中 文
ENGLISH

B-1E

使用说明书（操作面板）
INSTRUCTION MANUAL
(CONTROL PANEL)

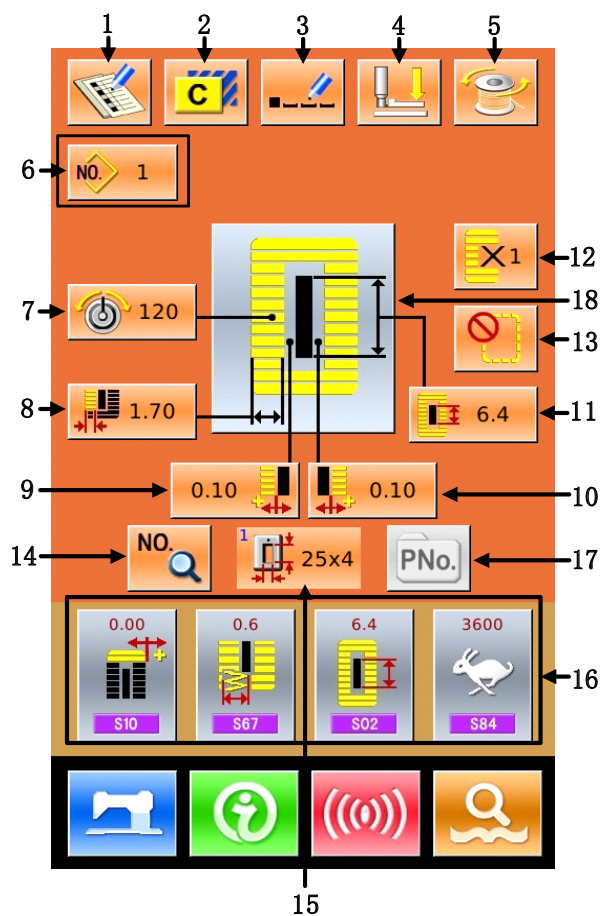
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1 界面功能键介绍

(1) 缝制数据输入界面

数据输入界面如右图所示，详细功能说明请见功能键说明表。




功能键说明表：

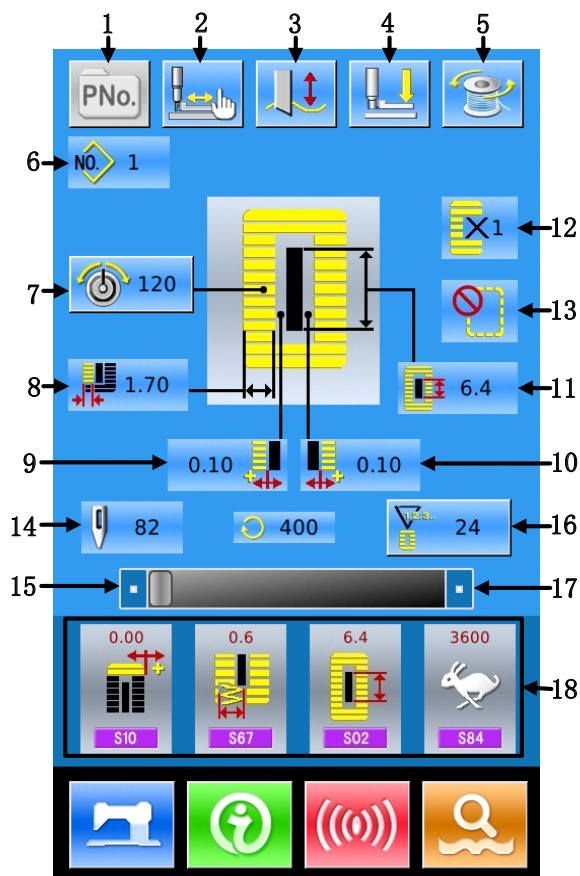
序号	图标	功能	备注
1		花样登记	
2		花样复制	
3		花样命名	
4		穿线（压脚下降）	可以在该状态下更换机针
5		绕线	
6		花样选择	按此键可进入花样选择界面

序号	图标	功能	备注
7		上线张力设定 (S51, S52, S55, S56)	S52 和 S56 受缝制数据开关影响
8	 ()	左包边宽度设定/返回宽度	1~26 号形状为左包边宽度设置, 27~30 号形状为返回宽度设定
9		切刀槽左宽度设定	27, 29 号形状不支持
10		切刀槽右宽度设定	27, 28 号形状不支持
11		切布长度	
12		双重缝/单次缝设置	27, 28, 29 号形状不支持
13		下缝次数设置	30 号形状不支持
14		缝制数据设置	
15		压脚类型选择	
16		用户管理	可把使用频率高的 4 个缝制数据 设为快捷键放在主界面
17		直接选择键	
18		缝制形状选择	

(2) 缝制界面

按下  进入缝制界面如右图所示。

详细功能说明请见功能键说明表。



功能键说明：

序号	图标	功能	备注
1		P 花样选择按键	受 k18 参数控制
2		试缝	
3		 ：切刀使能  ：切刀禁止	切换切刀使能
4		穿线（压脚下降）	
5		绕线	
6		花样号码显示	

序号	图标	功能	备注
7		上线张力张力设定	
8		左包边宽度显示	
9		切刀槽左宽度显示	
10		切刀槽右宽度显示	
11		切布长度显示	
12		单次缝/双重缝显示	
13		下缝次数显示	
14		总针数显示	
15		当前缝制速度显示	
16		计数器值显示  ：缝制计数器  ：计件计数器	
17		速度设置	受 k07 参数影响
18		用户管理显示	

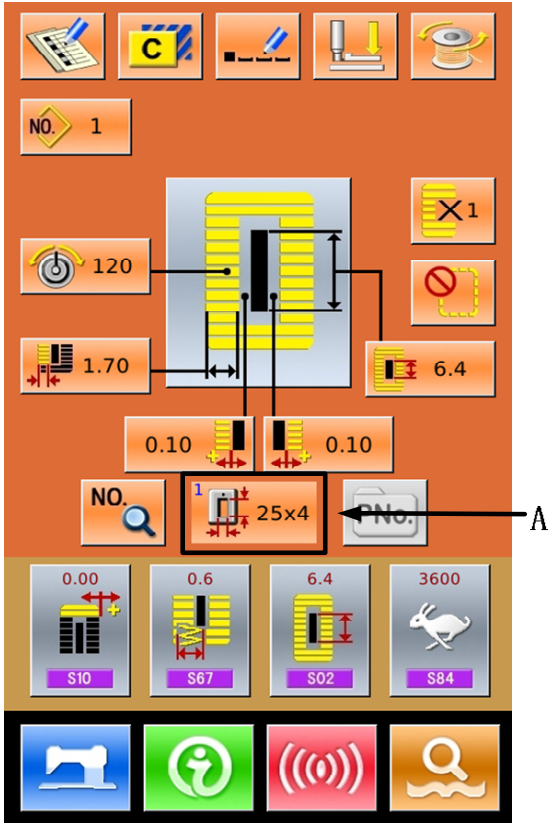
2. 选择压脚类型

(1) 显示数据输入界面

仅数据输入界面(橙色)可以变更设定内容。如果显示的是缝制界面(蓝色)时,请按准备键,显示出数据输入界面。

(2) 调出压脚类型选择界面

按了压脚类型选择按键 (A) 之后,显示出压脚类型选择界面 (如右图所示)。



(3) 选择压脚类型


请按安装在缝纫机上的压脚类型的按键 (B)。被按的按键翻转显示。关于压脚类型,请参考右表进行设定。

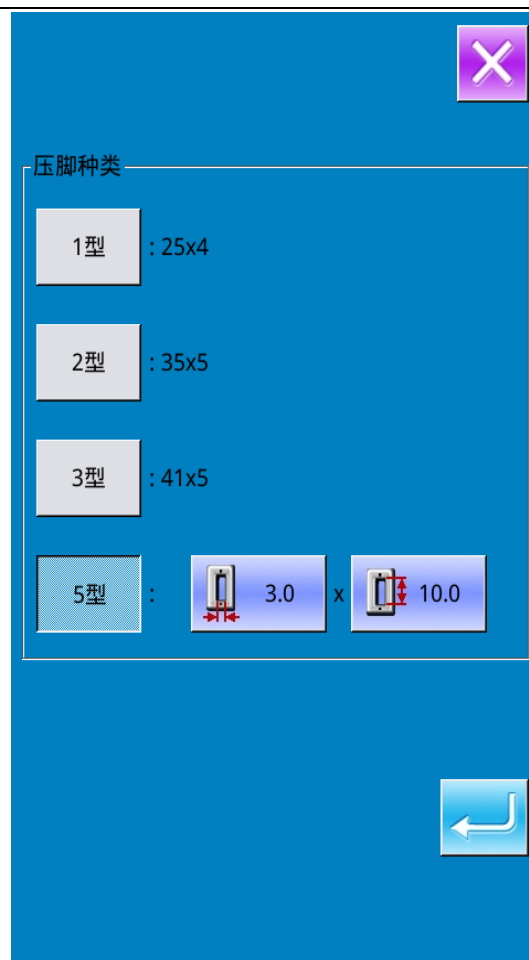
※ 使用1~3型以外的压脚头时,请设定为5型。请根据使用的参数U15压脚和宽度参数U16压脚长度,变更存储器开关(1 级)。使用5 型压脚摆动宽度最大可达6mm , 长度在41mm 以上时,需要变更压脚曲柄、送布板等零件。

	类型	压脚型号
	1型	
	2型	
	3型	
	5型	—

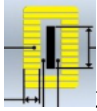
(4) 确定压脚类型

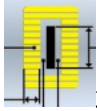
按确定按键之后，退出压脚类型变

更界面，变更完成。按退出键直接退出。



3. 缝制形状选择



按下  进入缝制形状选择界面。

(1) 选择第一固定缝形状

常用的5种第一固定缝形状分别代表方型、放射型、圆眼型、半圆型、圆型，当参数K04设置为30种缝制形状时，还可以选择加固缝、加固左切断、加固右切断、加固中央切断4种类型。选择第一固定缝形状进入缝制形状选择，其中27~30号形状可以按下



结束选择。

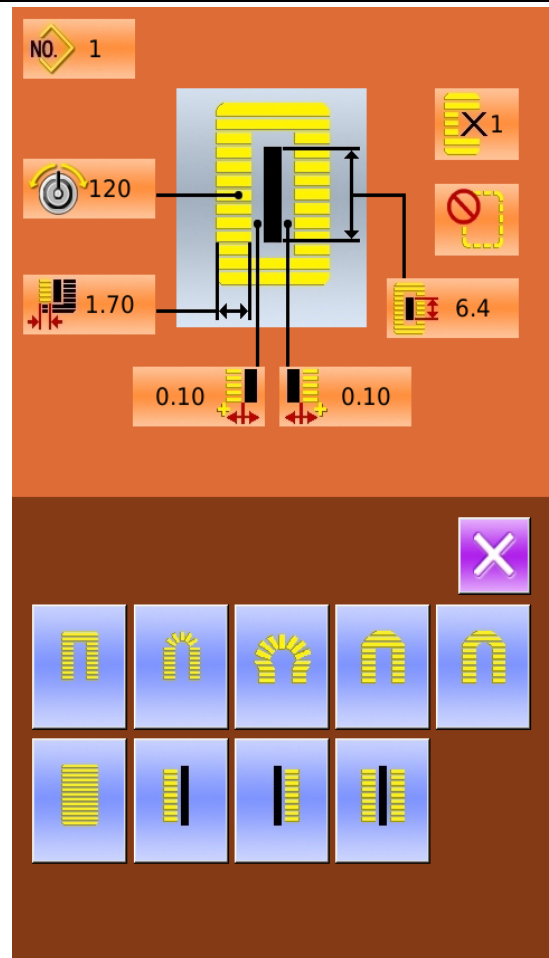


按退出键  直接退出。


注：1. 第一固定缝形状的显示受K04参数的影响；


2. 改变第一固定缝形状时，请注意修改对应该形状的缝制参数，否则有可能影响打板数据生成或缝制效果；

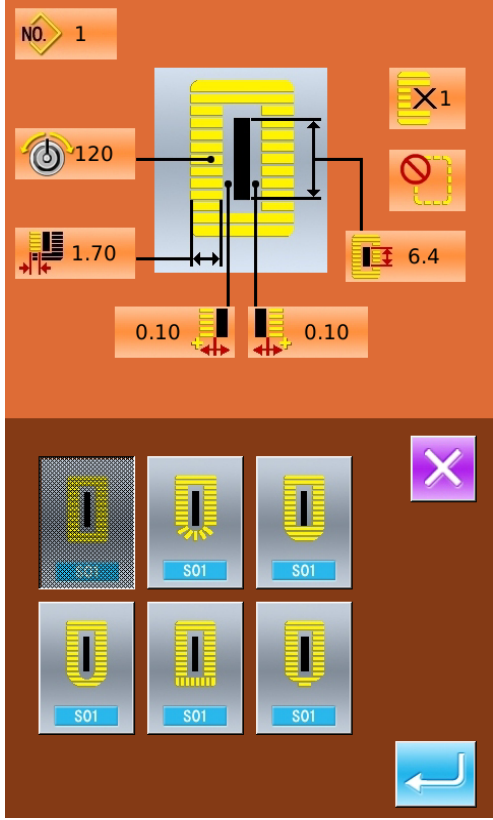
3. 形状的初始参数数值，请参考完整版说明书附录1的10.4节“缝制初始值数据一览表”。



（2）结束缝制形状选择

选择结束缝制形状，按下  返回主界面。

按退出键  直接退出，不改变形状号。







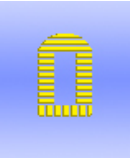


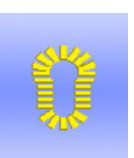



















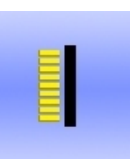


（3）参数 K04 影响

	K04 = 12 个形状	K04 = 20 个形状	K04 = 30 个形状
方型	1	1, 18, 19, 20	1, 18, 19, 20, 21, 22
放射型	3, 4, 5, 6	3, 4, 5, 6	3, 4, 23, 24, 5, 6
圆眼型	7, 8, 9, 10	7, 8, 16, 17, 9, 10	7, 8, 16, 17, 9, 10
半圆型	11	13, 11, 14, 15	13, 25, 11, 26, 14, 15
圆型	12, 2	12, 2	12, 2
加固型			27, 28, 29, 30

注 1：表中数字代表形状号码。


注 2：缝制形状 27, 28, 29, 30 只有在 K04 设置为 30 个形状时才可以被使用。

(4) 缝制形状一览


01 方形	02 圆形	03 放射方形	04 放射形	05 放射直线固定型
				
06 放射锥形固定形	07 圆眼方形	08 圆眼放射形	09 圆眼直线加固形	10 圆眼锥形加固形
				
11 半圆形	12 圆方形	13 半圆方形	14 半圆直线加固形	15 半圆锥形加固形
				
16 圆眼半圆形	17 圆眼圆形	18 方放射形	19 方半圆形	20 方圆形
				
21 方直线加固形	22 方锥形加固形	23 放射半圆形	24 放射圆形	25 半圆放射形
				
26 半圆圆形	27 加固缝	28 加固右切断	29 加固左切断	30 加固中央切断
				

4 缝制数据设置

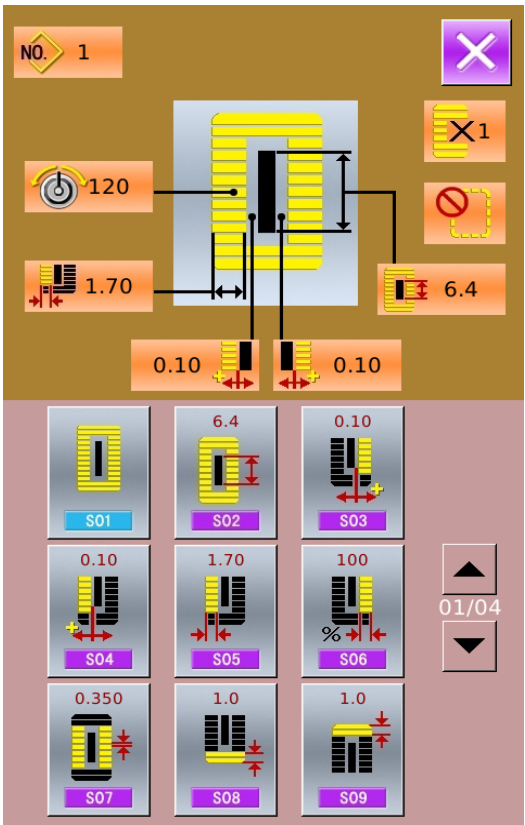
(1) 变更缝制数据

按下  进入缝制设置界面（如右图所示）。

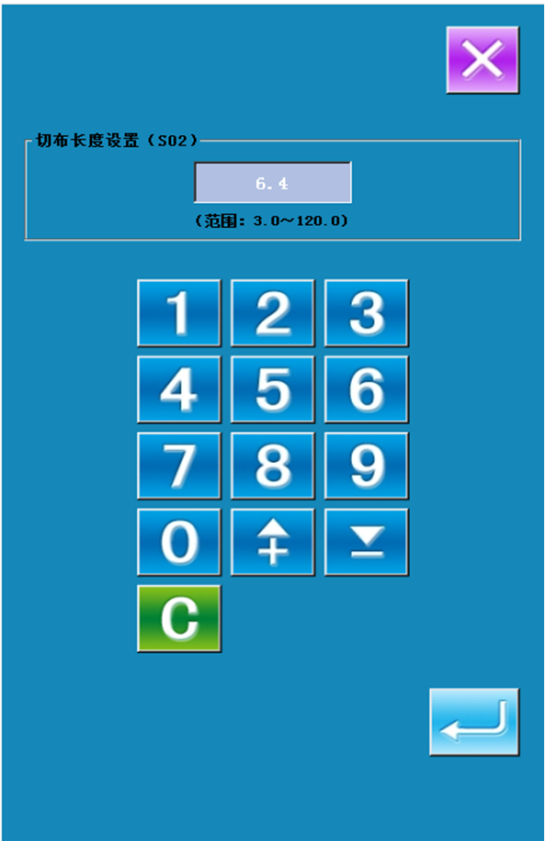
选择想要修改的缝制数据后进入设置状态，参数号底色为紫色的缝制数据是数据输入类型，参数号底色为蓝色的缝制数据是图标选择类型。

按下  退出缝制数据设置。


举例如下：




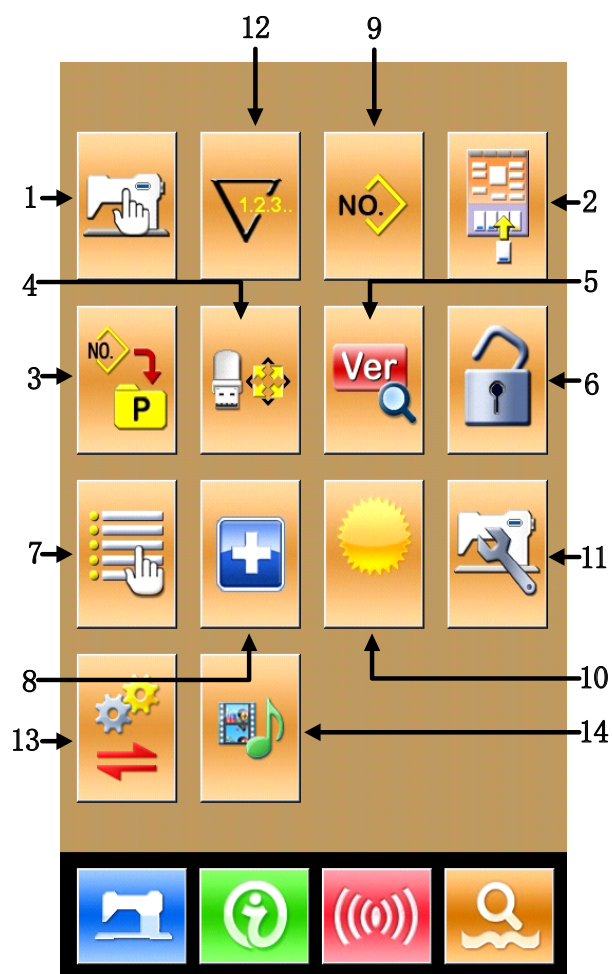
选择 ，进入界面（如右图所示）



5 模式和参数设置

按下  可以切换数据输入界面和模式界面（如右图所示），在该界面下可以进行一些详细的设置和编辑操作。

注：部分图标需要长按  键打开。




功能说明

序号	图标	功能	备注
1		一级参数设置	
2		缝制数据编辑	
3		P 花样设置	
4		格式化	
5		软件版本查询	
6		锁键盘	
7		用户管理项设置	
8		检测模式	
9		缝制类型设置	
10		亮度调节	
11		二级参数设置	
12		计数器设置	
13		参数备份还原	
14		视频播放	可播放视频文件

5.1 一级参数设置

(1) 参数设置操作



选择  进入一级参数设置界面（如右图所示）。

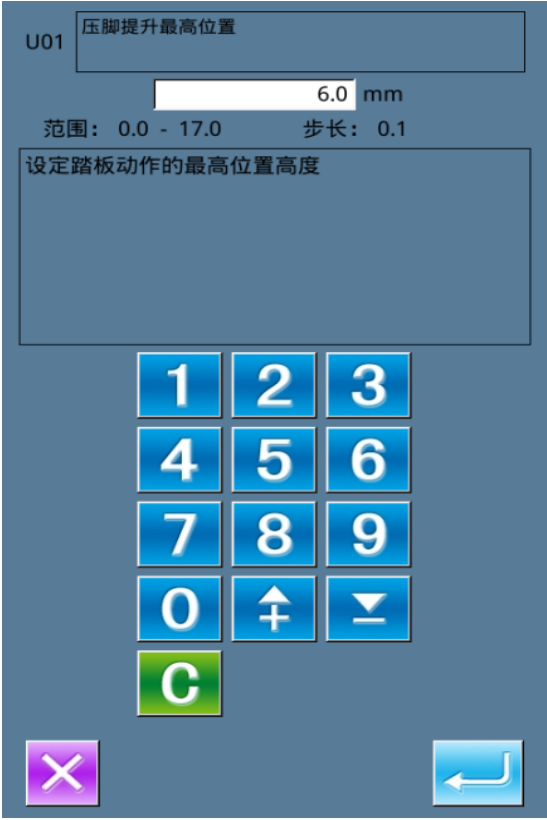




按  键退出参数设置界面。

当有参数修改时，在参数设置界面显示【已修改】按键，选择想要修改的参数后进入设置状态，参数设置分为数据输入类型和选择类型。举例如下：



选择 U01，进入界面




	U19	切布刀数次动作功能	01/01
	OFF	无效	
	ON	有效	
	<div></div>		

选择 U19，进入界面

5.2 二级参数设置

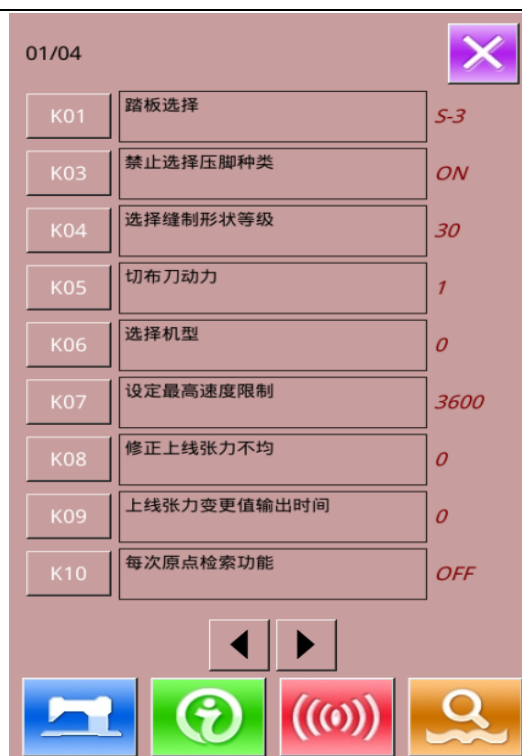
(1) 参数设置操作




在设置模式等级 3 下，选择  进入二级参数设置界面（如右图所示）。操作方法参照“5.1 一级参数设置”。

当有参数修改时，在参数设置界面显示

【已修改】按键，按  键退出参数设置界面。



6、变换缝制类型

按下  进入缝制类型选择界面（如右图所示）。




: 普通缝



: 连续缝




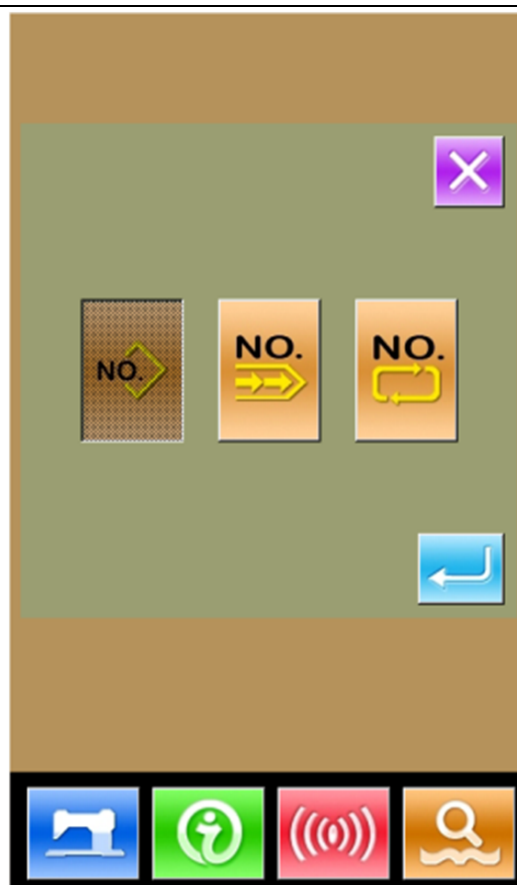
: 循环缝

确定缝制类型之后，按下  结束。按




之后，显示出选择的缝制类型的数据输入界面。

按  键退出变换缝制类型界面，原来的缝制类型不变。




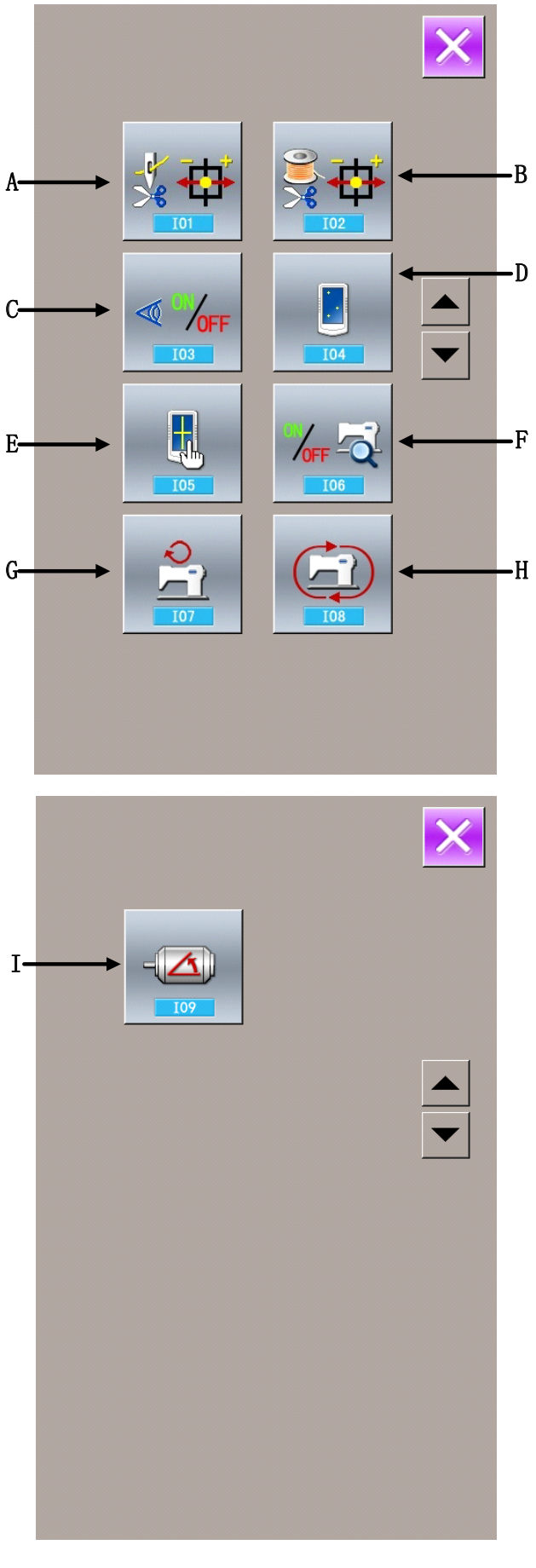
7. 检测模式

在设置模式等级 2 下，按下  键可以进入检测模式界面（如右图所示）。

各图标功能说明详见下表：

序号	名称
A	I01 上剪线
B	I02 下剪线
C	I03 输入检测
D	I04 液晶显示检测
E	I05 触摸屏校正
F	I06 输出检测
G	I07 转速测定
H	I08 连续运转
I	I09 电机角度

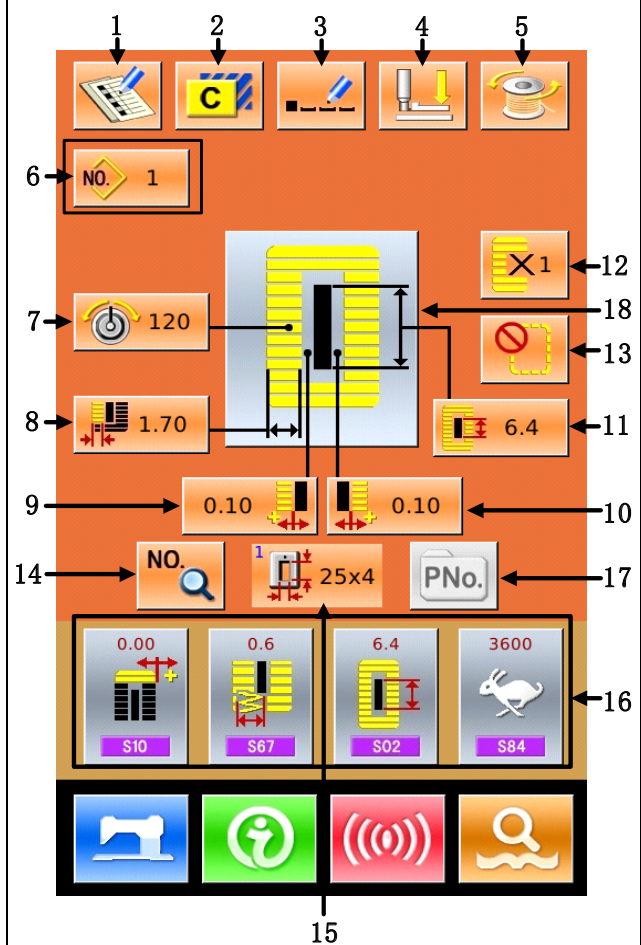
按  键退出检测模式界面






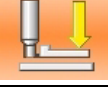


1. Interface Introduction

(1) Sewing Data Input Interface

Data input interface is shown at right and please refer to the following list for detailed function description.




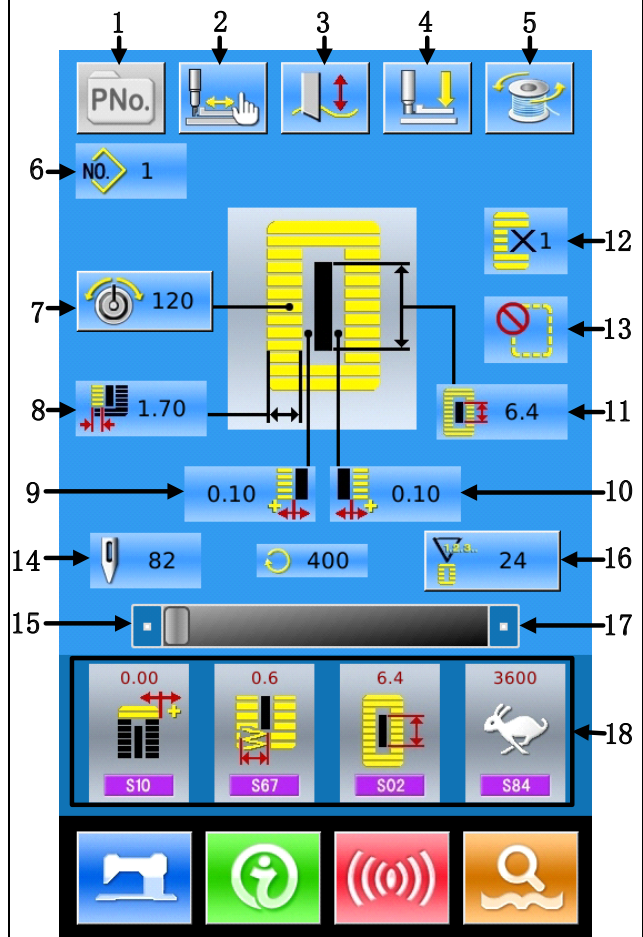
Function Key List:

No.	Icon	Function	Remarks
1		Pattern Registration	
2		Pattern Copy	
3		Pattern Naming	
4		Threading (Lower the presser foot)	User can change needle in this status
5		Winding	
6		Pattern No. Selection	Pressing this key can enter the pattern selection interface

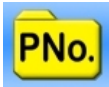
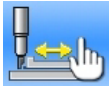
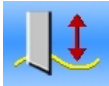
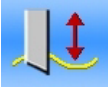



No.	Icon	Function	Remarks
7		Set Upper-Thread Tension (S51, S52, S55, S56)	S52 and S56 will be influenced by the data switch of sewing.
8		Set/Return to Left Over-edging Width	For the pattern from No.1~ No.26, this key means to set left over-edging width; while for the patterns from No.27~ No.30, this key means to return to the Width Setting
9		Set Left Width of Knife Groove	Unavailable for Pattern No.27 &No.29
10		Set Right Width of Knife Groove	Unavailable for Pattern No.27 &No.28
11		Length of Cloth Cutting	
12		Set Double Stitching or Single Stitching	Unavailable for Pattern No.27, No.28&No.29
13		Set Numbers of Basting	Unavailable for Pattern No. 30
14		Set Sewing Data	
15		Select Type of Presser Foot	
16		Customer Management	Set 4 keys on the main interface for the 4 most frequently used sewing data groups
17		Direct Selection Key	
18		Sewing Pattern Selection	














(2) Sewing Interface

Press  to enter the sewing interface shown at right. Please refer to the following list for detailed function description.



Function Key List

No.	Icon	Function	Remarks
1		P Pattern Selection Key	Controlled by Parameter k18
2		Trial sewing	
3		 : Knife Available  : Knife Unavailable	Shift Knife Status
4		Threading (Lower the presser)	
5		Winding	

No.	Icon	Function	Remarks
6		Pattern No. Display	
7		Upper-thread Tension Setting	
8		Left Over-edging Width	
9		Left Width of Knife Groove	
10		Right Width of Knife Groove	
11		Length of Cloth Cutting	
12		Single Stitching/ Double Stitching	
13		Numbers of Basting	
14		Total Number of Stitches	
15		Current Sewing Speed	
16		Counter Value  : Sewing Counter  : No. of piece counter	
17		Speed Setting	Controlled by Parameter k07
18		Customer Management	

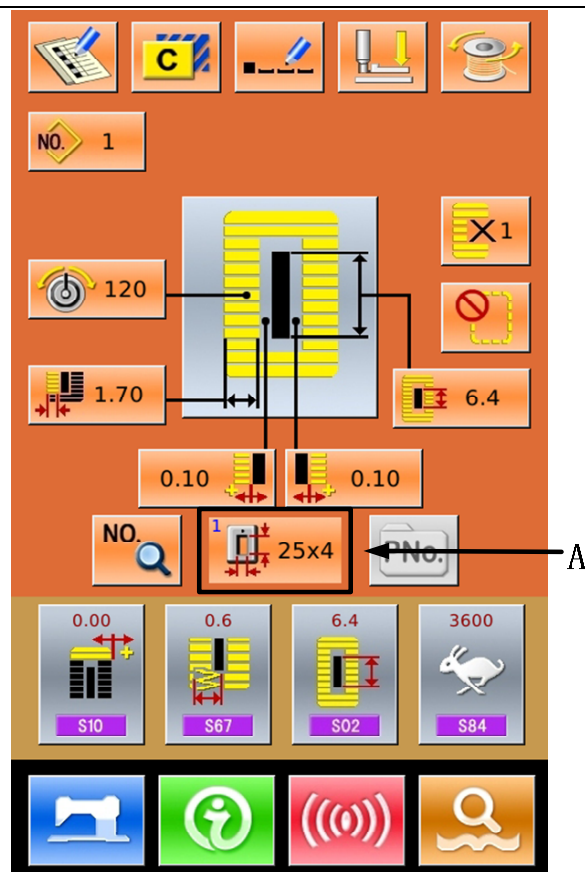
2. Presser Foot Type Selection

(1) Display data input interface

Only under the data input interface (orange), can user change the contents of setting. Under the sewing interface (blue), press READY key to display the data input interface.

(2) Enter the interface for selecting presser foot type





Press Presser Foot Type Selection Key (A) to display the interface for selecting the presser foot type (as shown at right).




(3) Select presser foot type

Press the presser foot type key according to the actual presser foot used on the sewing machine. The button pressed is displayed in shadow. For selecting the presser foot type, please refer to the right table.

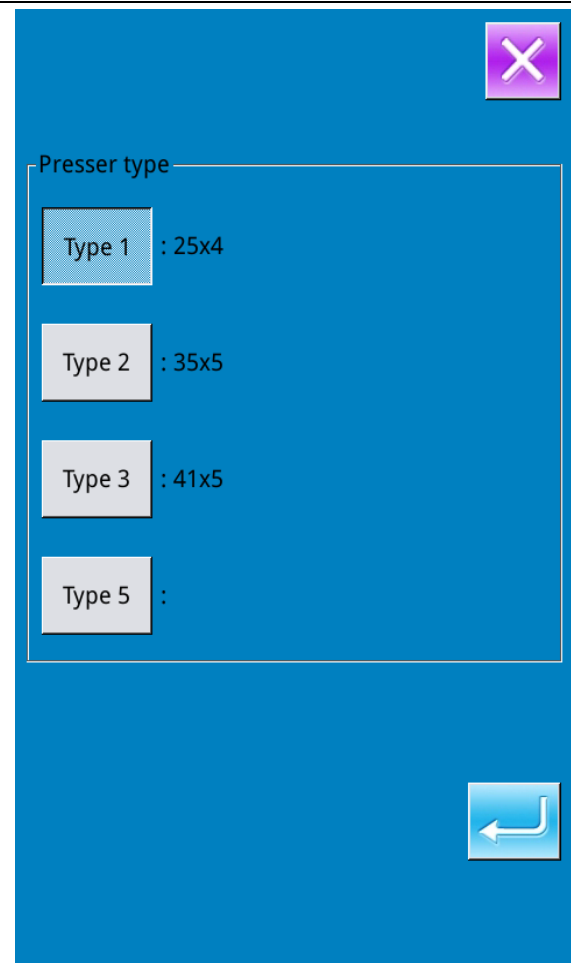
※ Set as type 5 when using the presser foot other than type 1 to 3. Change memory switch (level 1) by U15 Presser Foot Width and U16 Presser Foot Length. When using type 5 with stitch width at 6 mm or more and length at 41 mm or more, it is necessary to replace components such as presser arm, feed plate, etc.

	Type	Model
	1	
	2	
	3	
	5	—

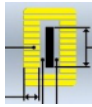
(4) Confirm Presser Foot Type

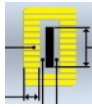
Press  to close the interface and

finish the change. Pressing  is to quit directly



3. Sewing Shape Selection



Press  to enter sewing shape selection interface.

(1) Select the 1st bar-tacking shape

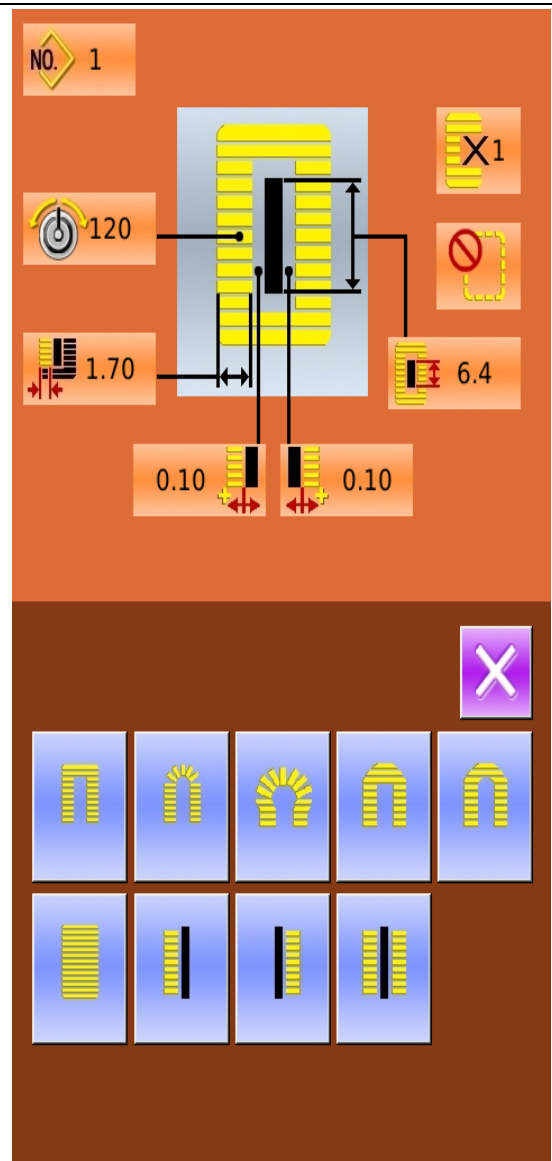
There are five common 1st bar-tacking shapes, which are Square Type, Radial Type, Eyelet Type, Semi-lunar Type and the Round Type. When the parameter K04 is set to 30, another 4 types of bar-tacking section can be used, which are bar-tacking section sewing, bar-tacking with left cut, bar-tacking with right cut and bar-tacking with center cut. Select the 1st bar-tacking section to enter the interface for selecting the shape. For the pattern from No.27

~ No.30, the user can press  to end the selection

Press  to quit directly.

Note:

1. The display of 1st bar-tacking shape is affected by parameter K04;
2. When changing the 1st bar-tacking shape, user has to change the sewing parameters of the relating shape. Otherwise, it may affect the data at pattern-designing or the sewing effect;
3. For the default parameter value of the shape, please refer to 10.4 “Sewing Default Value List” in Appendix 1 of the full-edition operation manual.



(2) Finish Sewing Shape Selection

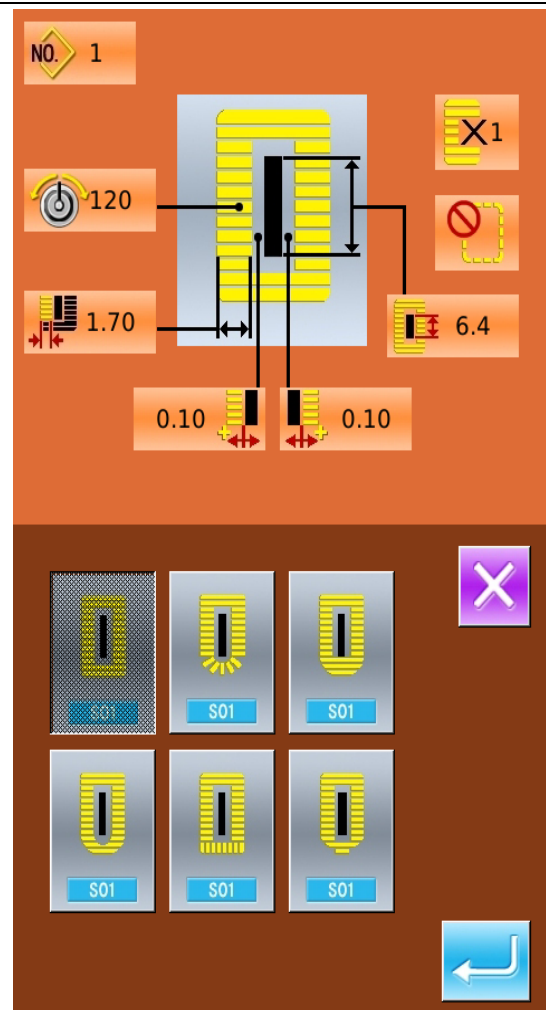
Select to finish sewing shape and press



to return to the main interface.



Press to quit directly, without changing the sewing shape number.

































(3) Controlled by Parameter K04

	K04 = 12 shapes	K04 = 20 shapes	K04 = 30 shapes
Square	1	1, 18, 19, 20	1, 18, 19, 20, 21, 22
Radial	3, 4, 5, 6	3, 4, 5, 6	3, 4, 23, 24, 5, 6
Eyelet	7, 8, 9, 10	7, 8, 16, 17, 9, 10	7, 8, 16, 17, 9, 10
Semi-lunar	11	13, 11, 14, 15	13, 25, 11, 26, 14, 15
Round	12, 2	12, 2	12, 2
Bar-tacking			27, 28, 29, 30

Note 1: the numbers in the table refers to the shape number.


Note 2: sewing shapes 27, 28, 29 and 30 can only be available when parameter K04 is set as 30.

(4) Sewing Shape List


01 Square	02 Round	03 Radial Square	04 Radial	05 Radial Straight Bar-tacking
				
06 Radial Taper Bar-tacking	07 Eyelet Square	08 Eyelet Radial	09 Eyelet Straight Bar-tacking	10 Eyelet Taper Bar-tacking
				
11 Semi-lunar	12 Round Square	13 Semi-lunar Square	14 Semi-lunar Straight Bar-tacking	15 Semi-lunar Taper Bar-tacking
				
16 Eyelet Semi-lunar	17 Eyelet Round	18 Square Radial	19 Square Semi-lunar	20 Square Round
				
21 Square Straight Bar-tacking	22 Square Taper Bar-tacking	23 Radial Semi-lunar	24 Radial Round	25 Semi-lunar Radial
				
26 Semi-lunar Round	27 Bar-tacking	28 Bar-tacking Right Cut	29 Bar-tacking Left Cut	30 Bar-tacking Center Cut
				

4. Sewing Data Setting

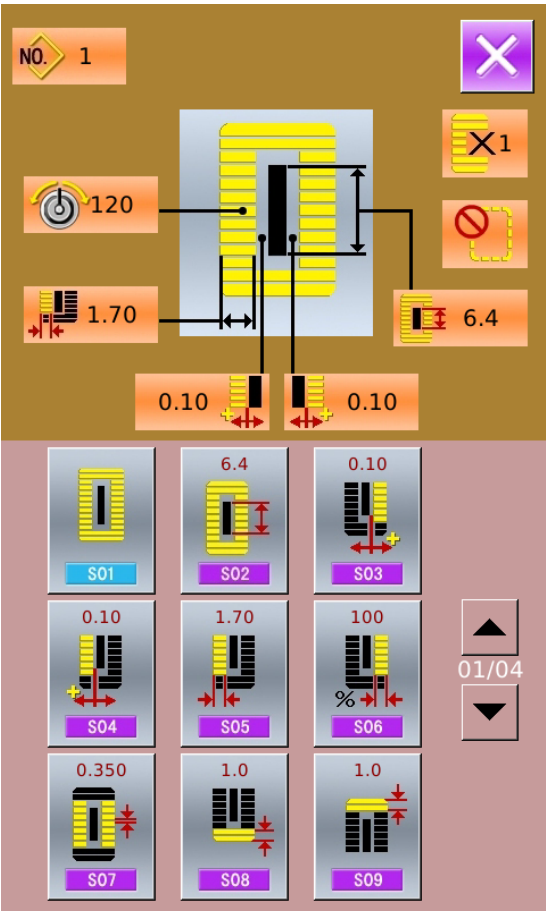
(1) Change Sewing Data

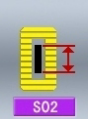
Press  to enter the sewing setting interface (as shown at right).

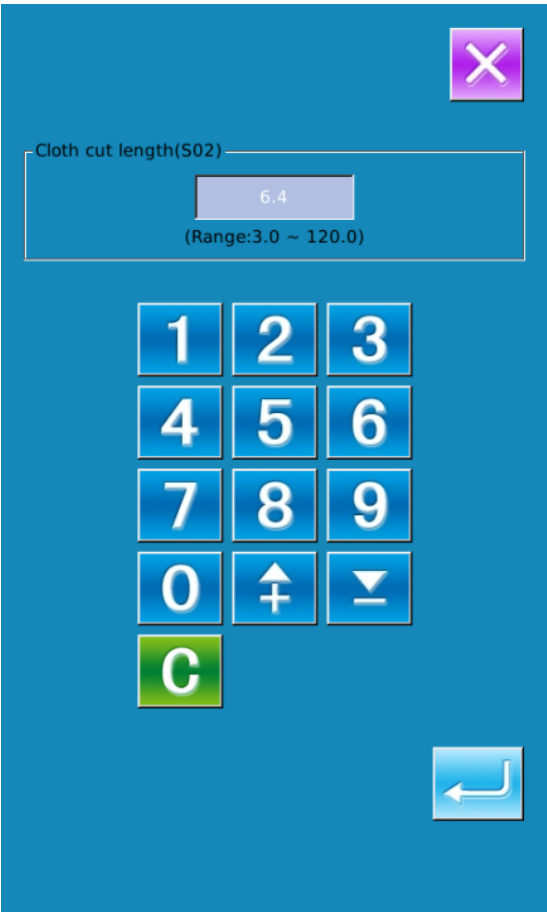
Select the sewing data for changing; Then the system will enter the setting status. The parameters with **purple** background are the input type, while the parameters with **blue** background are the selection type

Press  to quit the Sewing Data Setting.


Example at below:




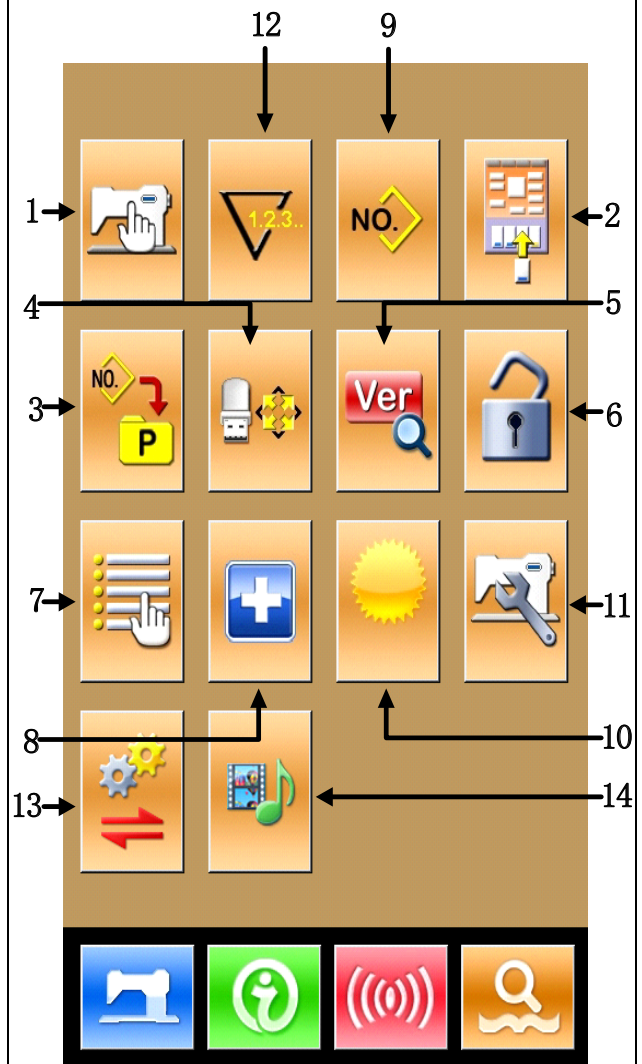
Select  to enter the interface (as shown at right).







5. Mode and Parameter Setting

Press  to shift between the Data Input Interface and Mode Interface (as shown at right), and detailed editing and setting operations can be carried out under this interface.

Note: For some icons, user has to hold pressing  to open them.



Function List:


No.	Icon	Function	备注
1		Level 1 Parameter Setting	
2		Sewing Data Edition	
3		P Pattern Setting	
4		Initialization	

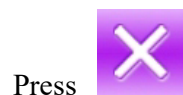
5		Software Version Inquiry	
6		Keyboard Lock	
7		User Management Setting	
8		Test Mode	
9		Sewing Type Setting	
10		Brightness Adjustment	
11		Level 2 Parameter Setting	
12		Counter Setting	
13		Parameter Back-up & Recovery	
14		Play Video	


5.1 Level 1 Parameter Setting

(1) Parameter Setting Operation



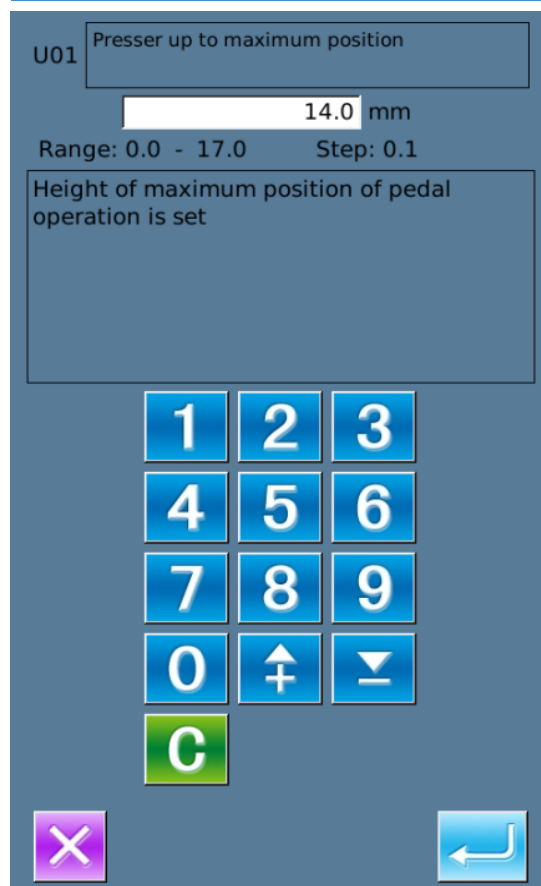
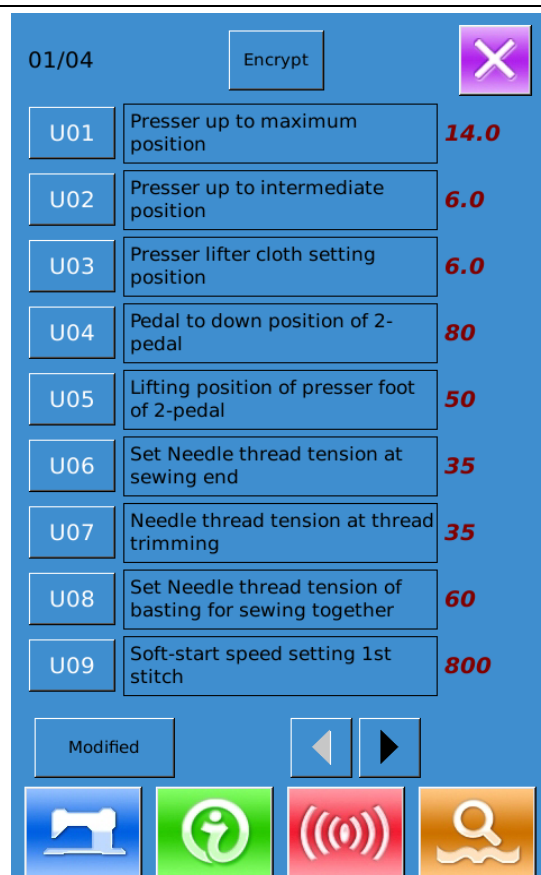
Select  to enter the interface for level 1 parameter setting (as shown at right).



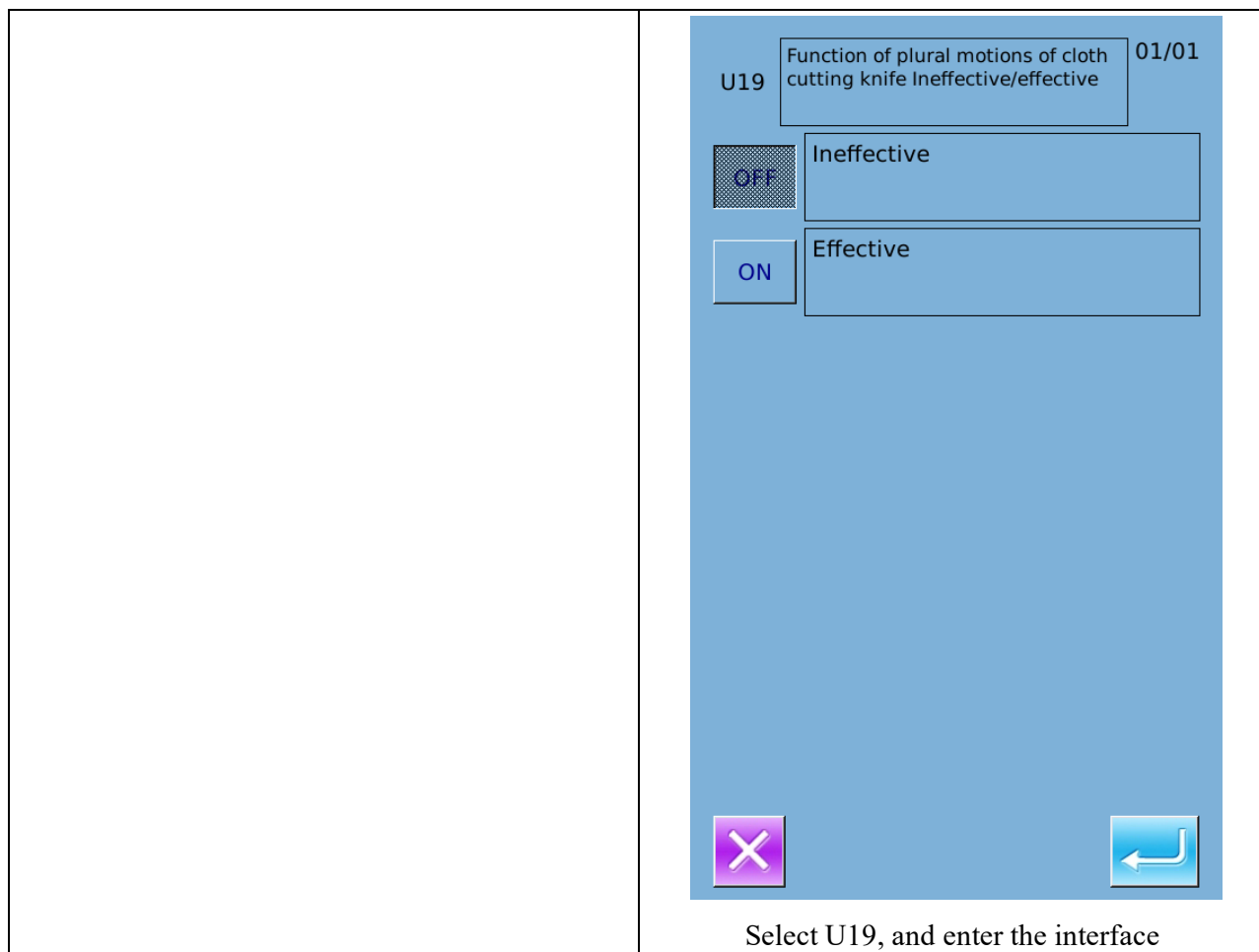
Press  to quit the setting interface.

When some parameters are changed, the system will display the “Modified” in the parameter setting interface.

Select the parameter for changing; then the system will enter the setting status. The parameters are separated as “Data Input Type” and “Selection Type”. Please refer to the example at below:



Select U01, and enter the interface




5.2 Level 2 Parameter Setting


(1) Parameter Setting Operations

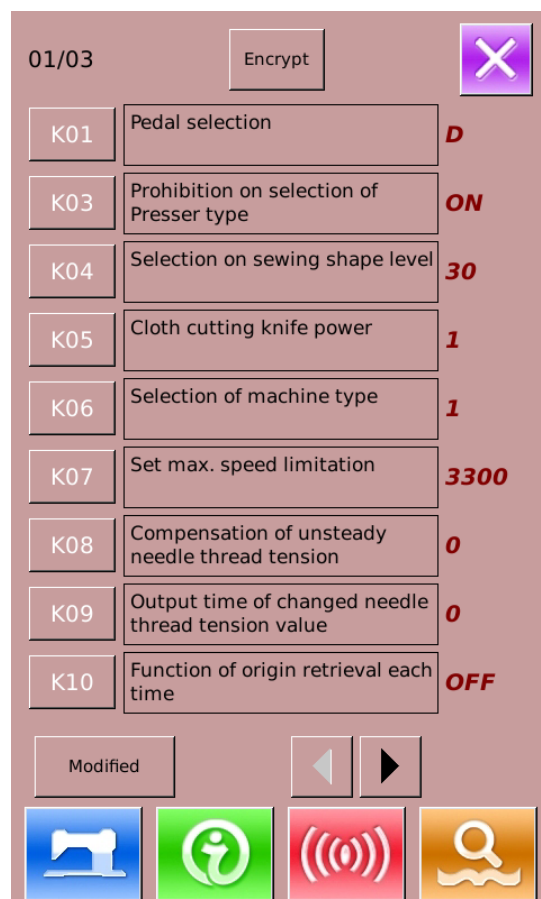
Under the interface of Mode Setting Level




3, press  to enter the interface for setting parameters of Level 2 (as shown in the right figure). For the operation methods, please take the description in 7.2 Level 1 Parameter Setting for reference.


When some parameters are changed, the system will display the “Modified” in the parameter setting interface.

Press  to quit the parameter setting interface




6. Change Sewing Type


Press  to sewing type selection interface (as shown at right).


 : Normal Sewing

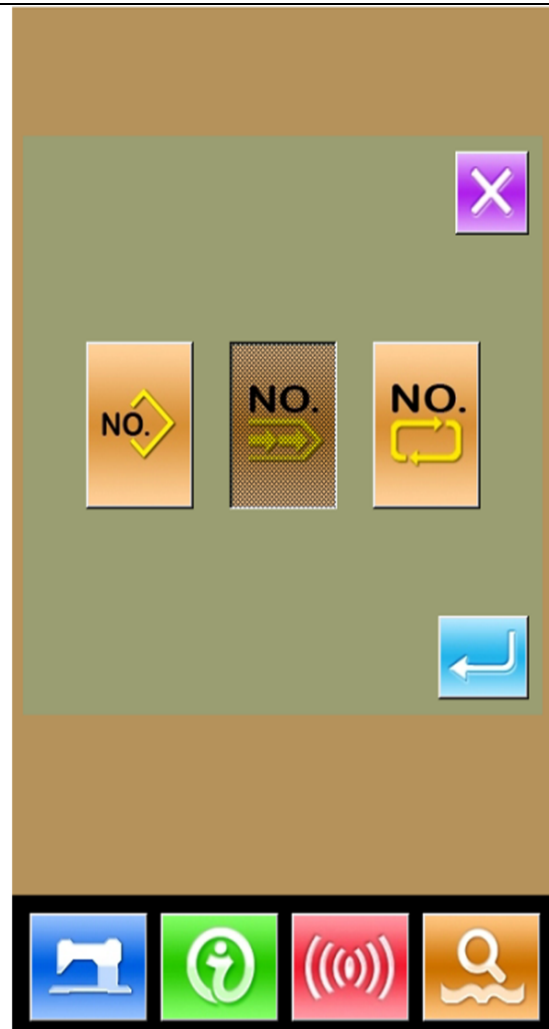
 : Continuous Sewing

 : Cyclic Sewing

After confirming the sewing type, press 

to end the operation. Press  to display the data input interface of the selected sewing type.


Press  to quit, without changing the original sewing shape.



7. Test Mode


Under Mode Setting Level 2 interface,



press  to enter the Test Mode interface (as shown at right).

The function of each figure is shown as below:

No.	Name
A	I01 Needle thread trimming
B	I02 Down thread trimming
C	I03 Input inspection
D	I04 Inspection of LCD display
E	I05 Correction of touch panel
F	I06 Output inspection
G	I07 Speed test
H	I08 Continuous running
I	I09 Motor Angle

Press  to quit the Test Mode interface.

