

# SV-600,SV-610,SV-620

## INSTRUCTION MANUAL

### 使用說明書

Ver - 1.0

For safe operation

#### 重要安全事項

1. Prior the use of this product, please read the instruction Manual. Keep this Instruction Manual and the user may read it at anytime when necessary.  
使用本產品前,請先閱讀本說明書;同時應將此說明書妥善保管以便能隨時查閱。
2. Before turn on the power, be sure to check the power voltage and phase agreeing with the nameplate that indicated in the control box.  
電源開啓前,請先確認電源的電壓與相數,是否與控制箱銘牌相符。
3. Grounding the machine is always necessary for safe and normal operation.  
爲了正常安全運轉,須安裝地線。
4. Check lubricating oil prior to operation.  
操作前,請先確認縫紉機潤滑油充足。
5. Check that rotational direction of the motor is correct prior to operation.  
操作前,請先確認馬達轉動方向正確。
6. So as to prevent personal injuries during operation, be careful not to allow your head and hands to come close to the moving parts. Also never try to stop it with external forces.  
使用中,切勿將頭,手靠近皮帶輪,皮帶,旋梭,天平等移動部份;同時也不可以用外力,強制停止移動部份。
7. For the following conditions, turn off the power or disconnect the power plug from receptacle.  
發生下列情況時,應立即關閉電源開關或者拔下電源插頭:
  - 7.1 For threading needle or replacing bobbin.  
穿線和更換旋梭時。
  - 7.2 To plug or unplug any connectors from control box.  
插拔控制箱上任何連接線與接頭。
  - 7.3 For maintenance and repairing.  
保養與修理時。
  - 7.4 When machine is not at use, inspected or adjusted.  
翻抬針車頭,取下皮帶時. 機器休息不用時。
  - 7.5 When lightning and thunder occurs.  
打雷閃電時。
8. Repairing, remodeling and adjusting works must only be done by appropriately trained technicians or specially skilled personnel.  
本產品的修理,改造,調整;應由受過專門訓練的技術人員來進行。

# I. Set up

## 安裝

### 1. For motor set up

#### 馬達的安裝:

Dimensions of motor as shown in Fig.1

馬達的外型尺寸如圖(一)所示:

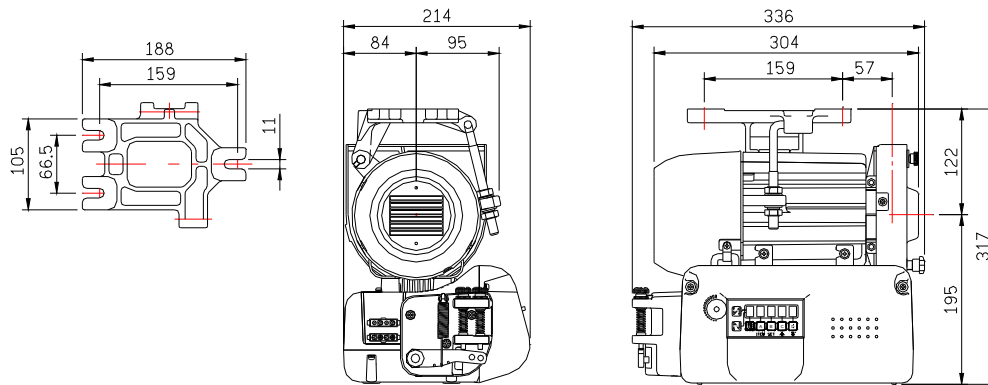


Fig.1 (圖一)

Drill three holes of 9 mm on the machine table, fixed the motor under the table; be sure that both pulleys of machine and motor should be parallel.

在車板上鑽 3 個 9 mm 的孔,將馬達固定於車板下;要注意縫紉機皮帶輪和馬達皮帶輪必須平行

Up-down shift tension adjust nuts. Adjust belt tension force.

上下移動調整螺帽, 調整皮帶張力.

Adjust belt tension force ranging from 16-18mm/1kgf located in the center position as shown in Fig.2.

皮帶張力請調整在皮帶中央部份 16~18 mm/1Kgf 的範圍內,如圖(二)所示:

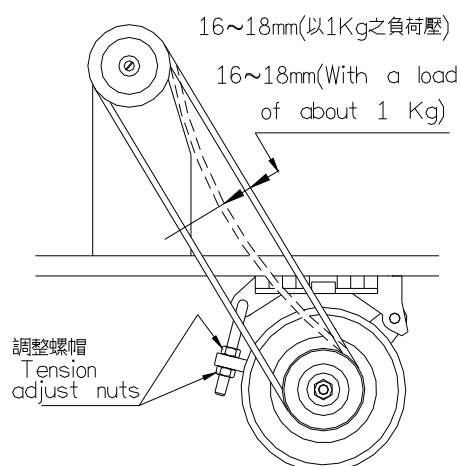


Fig.2 (圖二)

## 2. How to connect the cord

### 連接線的接法:

Opening the front cover you will see the connector.

控制箱前蓋打開,電路板上備有下列接頭.如圖(三);功能說明如表(三),控制箱外部接頭如圖(四),再根據縫紉機的裝置,把連接線接到適當位置.

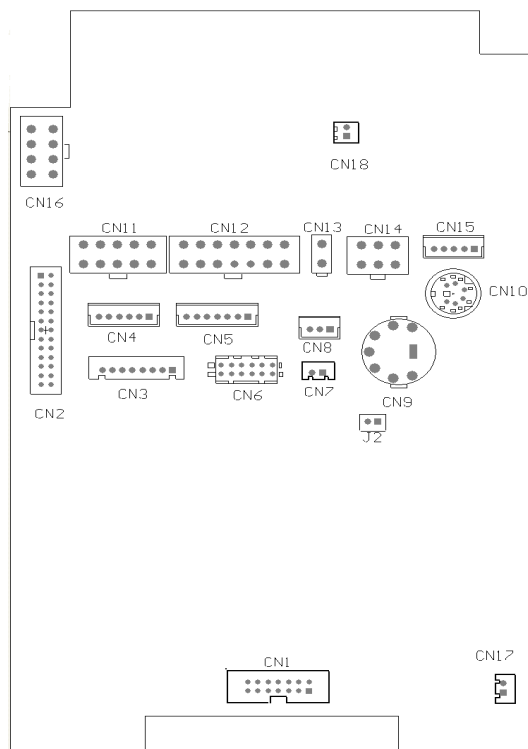


圖 Fig.3 (圖 三)

接頭 Connector	接頭說明 Connector Description	適用機型 Applicable models
CN1	前蓋 C02 接頭. Front cover C02 connector	All
CN3 :	馬達編碼器接頭 Motor encoder cable	All
CN4 :	OPTION_C 接頭 connector Option IN_D : pin 2 & 6 Option IN_E : pin 3 & 6 Option IN_J : pin 4 & 6	SV-620
CN5	OPTION_B 接頭 connector Option IN_F : pin 2 & 7 Option IN_G : pin 3 & 7 Option IN_H : pin 5 & 7	SV-620
CN6	立式踏板接頭 Standing operation pedal connector Option IN_I: pin 5 & 6 Option IN_A : pin 7 & 8 Option IN_B : pin 9 & 10	All

	Option IN_C : pin 11 & 12	
CN7	速度基座接頭 Speed unit connector	All
CN8	安全開關接頭 Safety switch connector	SV-620,SV-610
CN9	同步器接頭 Synchronizer connector	All
CN10	選針盒接頭 External panel connector	All
CN11	OPTION_A 接頭 Connector Option OUT_A : pin 2 & 7 Option OUT_C : pin 1 & 6 Option OUT_D : pin 3 & 8	SV-620,SV-600
CN12	車頭功能線圈接頭  Option OUT_B : pin 6 & 13 Option OUT_E : pin 2 & 9 Option OUT_F : pin 1 & 8 Option OUT_G : pin 7 & 14 壓腳開關 : pin 4 & 11 Footlifter switch 回針開關 : pin 5 & 12 Backtack switch	SV-620,SV-610
CN13	提壓腳線圈接頭	All
CN14	OPTION_D 接頭 connector Option IN_K : pin 2 & 6 Option IN_L : pin 3 & 6 Option IN_M : pin 4 & 6	All
CN15	布端檢出器接頭 Material edge sensor connector	All
CN17	銅殼放電電阻接頭	All
CN18	+12V 電源輸出接頭 +12V voltage output connector	All

表 三

See Fig.4

如圖(四)所示:

①Power source line connector.

① 電源線接頭.

②Motor power line connector.

② 馬達動力線接頭.

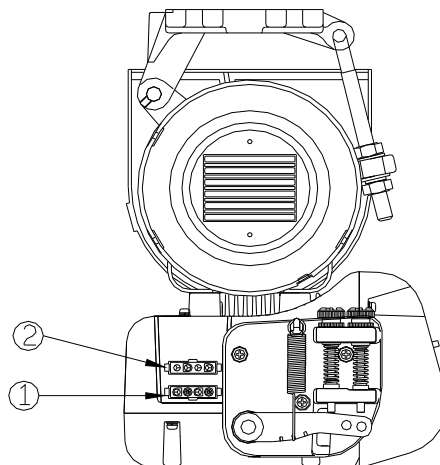
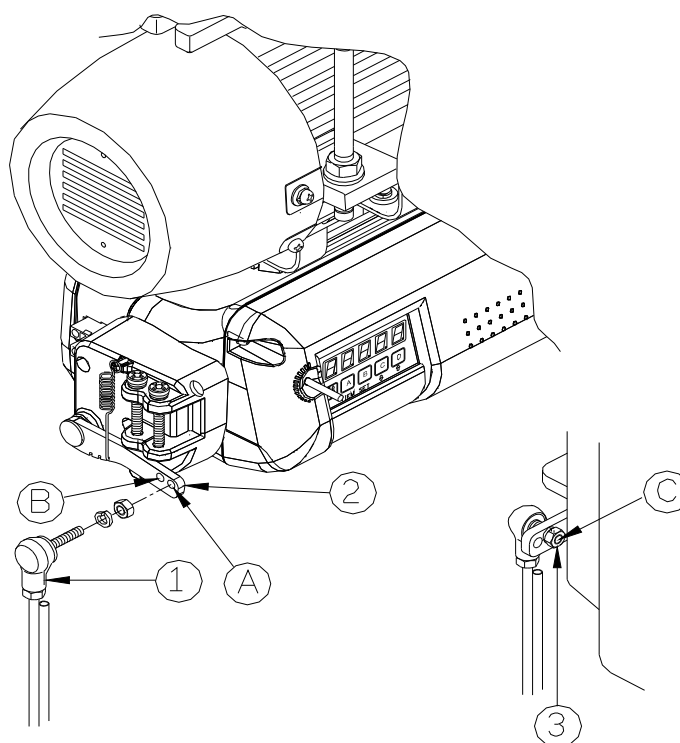


Fig.4 (圖 四)

### 3. Attaching the connecting rod

#### 連接桿的安裝



Fix connecting rod① to installing hole A or B of pedal lever② with nut③.

連接桿① 用螺帽③ 固定到踏板撥桿② 的 A 孔,或 B 孔.

If connecting rod① are installed in hole A, lengthen the pedal depressing stroke, and the pedal operation at medium speed will be easier to control

若將連接桿① 固定到 A 孔,踏板行程較長;踏板的中間速度操作變得較容易

If connecting rod① are installed in hole B, shorten the pedal depressing stroke, and the pedal operation will have quicker response.

若將連接桿① 固定到 B 孔,踏板行程變短,踏板的操作反應變快.

#### 4. Adjusting the belt slip-off preventing bracket

##### 皮帶止落板

Loosen screw ① and adjust so that belt slip-off preventing bracket ② is positioned at the location indicated in the figure. (The distance between belt top ③ and slip-off preventing bracket ② should be less than 3mm).

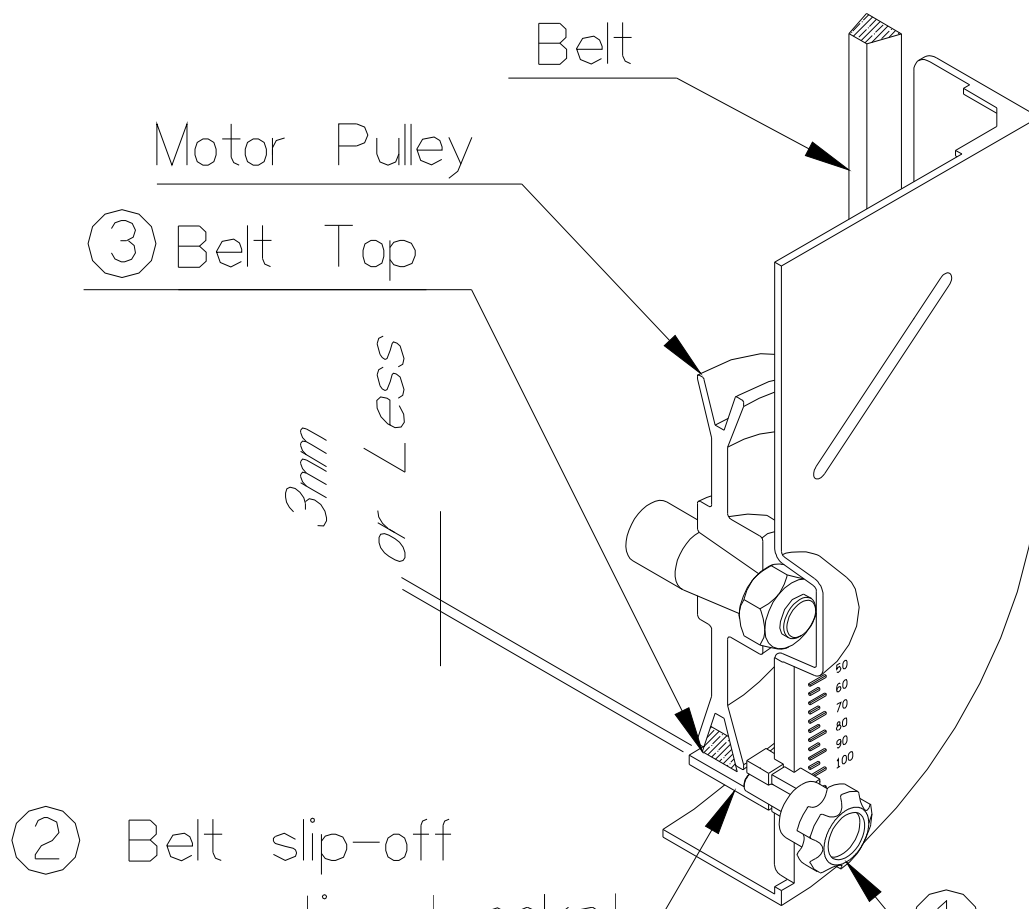
轉鬆螺絲①把皮帶止落板②調到圖示的位置。(皮帶③之外緣距離止落板②少於 3mm)

After the adjustment, tighten the screws ① and be sure that before operating the sewing machine, the belt slip-off preventing bracket does not come in contact with the belt.

將螺絲①鎖緊,縫紉機運轉前請確認皮帶止落板與皮帶沒有接觸。

**Note:** If belt slip-off preventing bracket is not properly adjusted, it is possible to let the belt to slip-off causing safety hazard

**注意:** 如果皮帶止落板調整不當,致使皮帶脫落,會造成意外傷害。



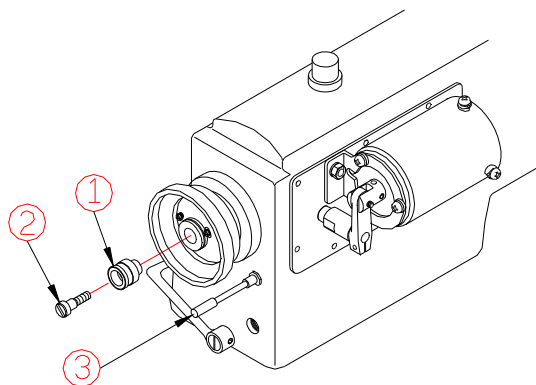
## 5. Fixing the synchronizer

### 同步器的安裝

1) Securely fix adapter ① in the tapped hole in the main shaft of sewing machine using screw ②.

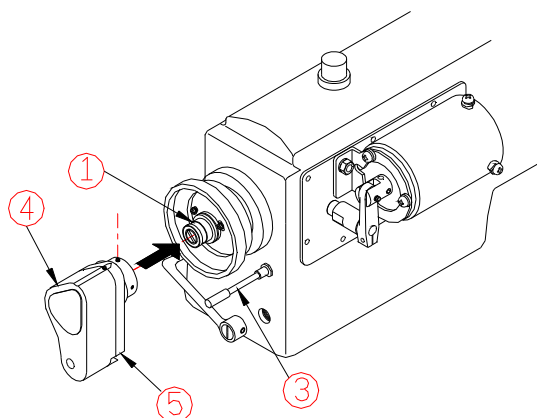
Fix supporting rod ③ on the machine head as figure.

將轉接器 ① 用螺絲 ② 鎖緊固定在針車頭軸心或是皮帶輪上,將固定棒 ③ 固定在針車頭上;如圖所示:



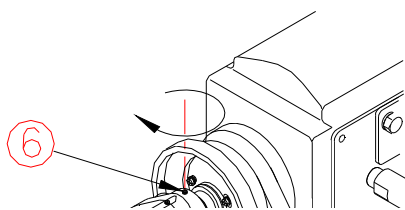
2) Then insert supporting rod ③ into slit ⑤ on the synchronizer stopper. Fit synchronizer ④ to adapter ① in the direction of the arrow.

將同步器 ④ 套入轉接器 ①,並將固定棒 ③ 穿入同步器上的溝槽 ⑤,用以固定同步器不致搖晃.如圖所示:



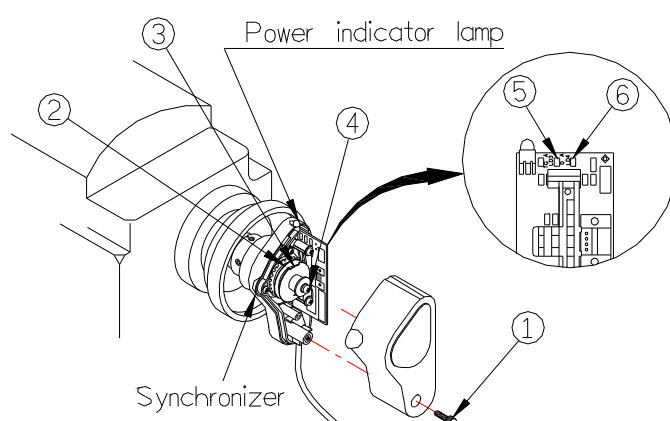
3) Tighten set screw ⑥ in synchronizer by turning it in the direction of the arrow. Fixed cord ⑦ of the synchronizer on supporting rod ③ using cord clamp ⑧.

將同步器上的固定螺絲 ⑥ 鎖緊,用束帶 ⑧ 把電線 ⑦ 綁在固定棒 ③ 上.



## 6. Adjusting the synchronizer

### 同步器的調整



- 1) Loosen screw ❶ and remove the cover. Then loosen screw ❷ located at the top of the shaft.  
鬆開螺絲 ❶ 取下外蓋,轉鬆螺絲 ❷.
- 2) Adjust the machine's pulley manually to needle down position.(the same direction as the machine rotates.)  
手轉針車頭皮帶輪,使針停在下停點位置.(順著針車正常運轉方向)
- 3) Adjust the photo disc ❸ till LED ❹ is on. (the same direction as the machine rotates.)  
調整遮光片 ❸,使得 LED ❹ 點亮.(順著針車正常運轉方向)
- 4) Repeat step 2. Then adjust the sewing machine's pulley manually till needle remains in needle up position.  
重覆步驟(2),手轉針車頭皮帶輪,使針停在上停點位置.
- 5) Adjust the photo disc ❹ till LED ❺ is on. Note: Prior the execution of this procedure, never rotate pulley and photo disc ❸.  
調整遮光片 ❹,使 LED ❺ 點亮. **注意:**執行此步驟時,皮帶輪及遮光片 ❸ 不可被轉動.
- 6) Tighten the screw ❷.  
將螺絲 ❷ 鎖緊.
- 7) Confirm the needle up / down positions of the needle by operating the pedal. In case of error, please repeat steps (2) through (5).  
用踏板操作來確定 上/下 停位置是否正確. 不正確的話,請重覆 (2)~(5)步驟.
- 8) Set the cover and tighten it with screw ❶.



蓋上外蓋,將螺絲①鎖緊.

## II Operating way

操作方法:

1. For regular operations:(Turning the power switch on without pressing any button)

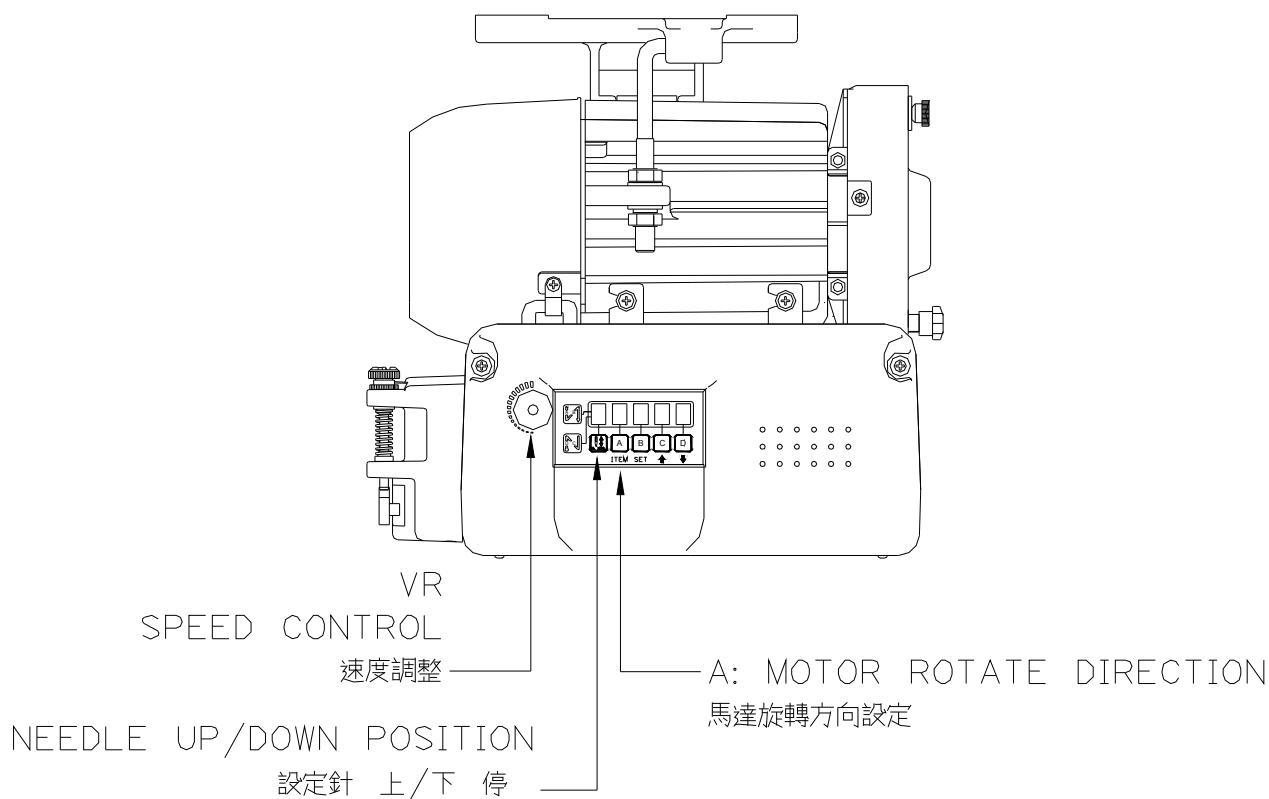
一般操作:(不按任何鍵下 開機 )

The external VR let the user adjust freely the speed of the motor.

外部 VR 可供使用者自由調整控制馬達的操作速度.

Adjust speed intensity by turning clockwise direction through VR.

順時針方向旋轉 VR 可調快速度.



## 2 Speed unit adjustment

### 速度基座調整

After replacement of speed unit, Adjust speed unit standard voltage following the below procedures.

更換速度基座之後,速度基座的中立位準必須依下列步驟重新調整.

①Place the pedal sensor inner lever arm to the neutral position .

Loosen the hexagon screw (A) from the speed unit. Adjust the induction arm (B) so that LD1 from the main board turns on.

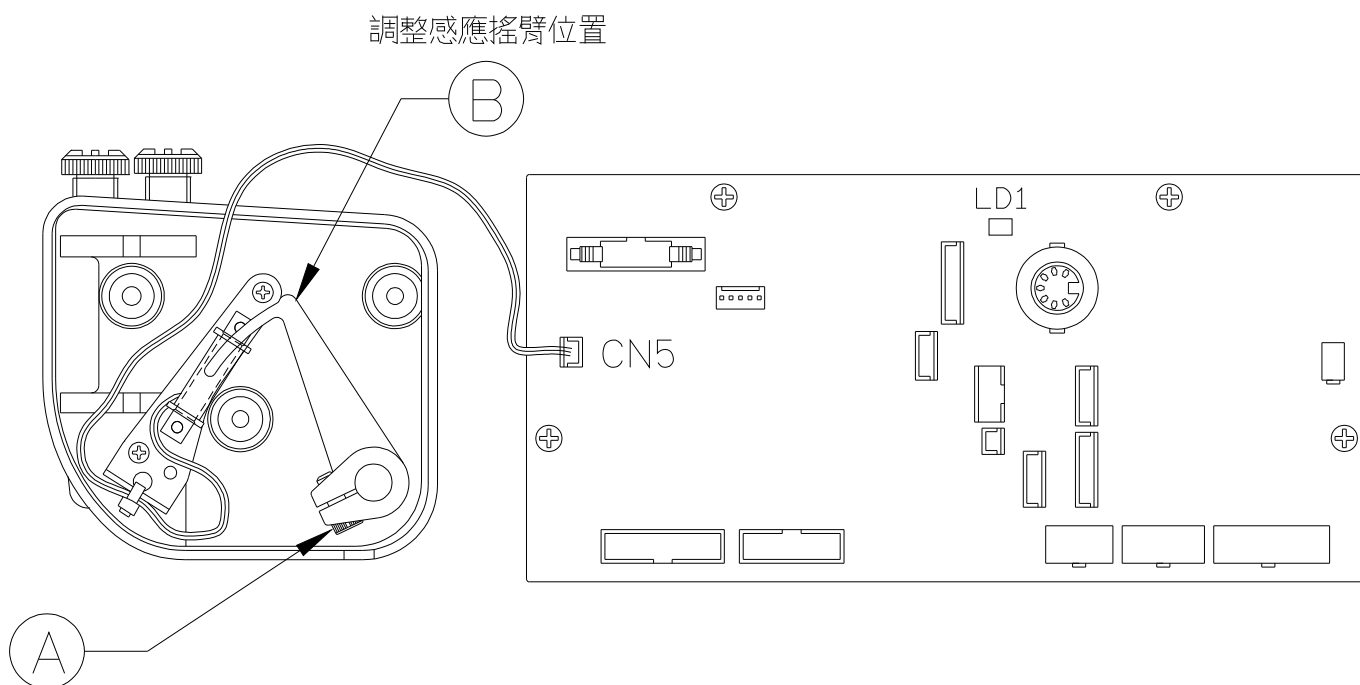
①速度基座拉臂置於中立點.將速度基座上螺絲(A)轉鬆 ;調整搖臂位置(B)使主機板上 LD1 點亮.

②Tighten the hexagon screw (A).

②將螺絲(A)轉緊.

③ If LD1 keeps on, thus adjustment is completed, otherwise repeat steps 1~2.

③LD1 保持點亮,則調整完成;否則請重覆步驟. 1~2.

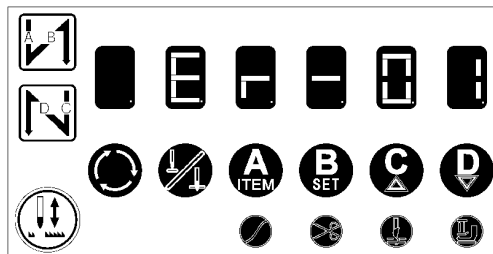


### III Error message indicator

錯誤訊息顯示:

When abnormal condition occurs, the error message will displayed as below figure.

當發生不正常狀況時，顯示畫面會將檢測出的錯誤訊息顯示出來。如圖所示:



**Error message display:**

錯誤訊息顯示:

Error Code	Description of error detected	Items to be checked
Er-0	Over current	-Current is too high.
Er-1	Synchronizer failure	-Synchronizer connector is loosen or line is broken.
Er-2	Motor is not rotating	-Machine head is locked. -Motor is locked. -Motor power line or encoder line. is broken, or connector is loosen.
Er-3	Power failure	-Voltage is either too high or too low. -Power phase error. -Fuse (F2) is burned out.
Er-4	Safety switch failure	-Failure in safety switch connection. -Safety switch failure -Setting error for parameter No.35.
Er-5	Speed unit output failure	-Speed unit connector is loosen -Speed unit is broken -Connecting rod installation is incorrect

Er-6	CPU error	-Noise interference (Ex. High frequency machine, welding machine)
Er-7	Material edge sensor function is failed.	-Parameter No.42 setting error -Material edge sensor not properly adjusted -Connector for material edge sensor is loosen - Material not properly settled through machine
Er-8	Setting speed over the motor maximum speed.	-Parameter No.1 setting value is too large -Motor pulley diameter is too small -Motor pulley ratio setting error
Er-9	Power transistor module is failed.	-Power module overheated -Short circuit or low voltage

請依下表進行確認:

錯誤顯示	錯誤內容	確認項目
Er-0	過電流	電流太大 馬達線圈阻抗太小
Er-1	同步器信號異常	同步器接頭鬆脫,斷線; 皮帶沒有傳動針車頭.
Er-2	馬達不動	針車頭鎖死 馬達鎖死 馬達接頭鬆脫(動力線與編碼器線)
Er-3	電源異常	電壓太高,太低,欠相 保險絲(F 2)燒斷.
Er-4	安全開關異常	安全開關接點異常, 參數 NO.35 設定錯誤
Er-5	速度基座輸出異常	速度基座接頭鬆脫 連接桿安裝不適當, 速度基座故障
Er-6	當機	雜訊源干擾.(高週波 ,電焊機) EEPROM 故障

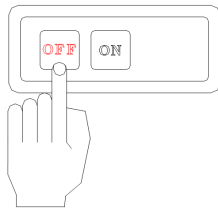
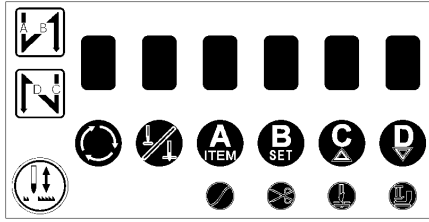




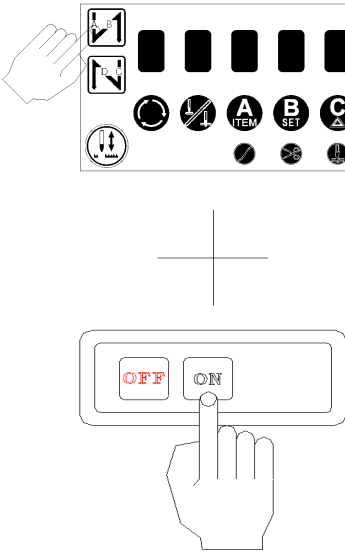
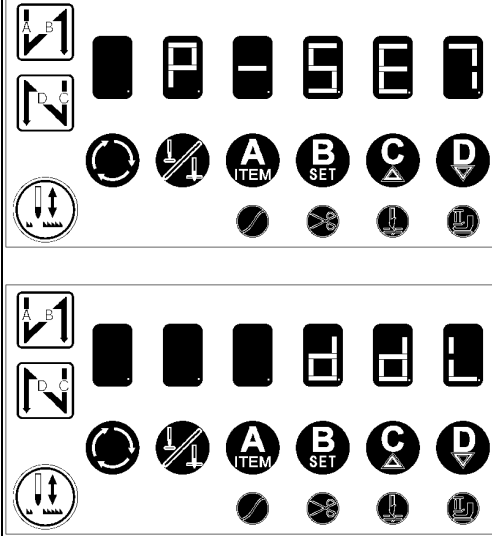
Er-7	布端檢出功能異常	參數 NO.42 設定錯誤 布端檢出器調整不良 布端檢出器連接線鬆脫,斷線 待車物料擺放位置不適當
Er-8	最高轉速設定 超過馬達的最快速度	參數 NO.1 設定值太大 馬達皮帶輪尺寸太小 馬達皮帶輪比設定錯誤
Er-9	功率晶體模組故障	功率晶體模組過熱 短路低電壓


## IV Setting way


### 設定方式

#### 1.Parameter setting:

##### 參數設定方式:

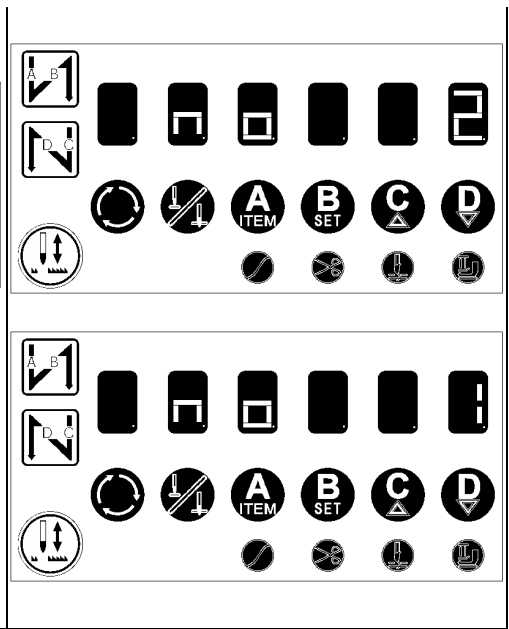
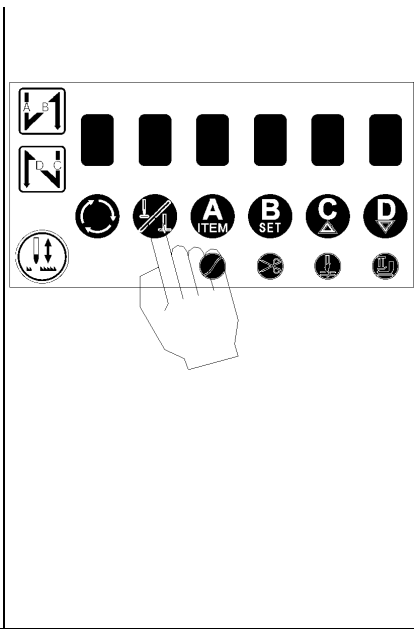
<p>1. Turn OFF the power 1 關掉電源.</p>		
<p>2.Parameters setting .</p> <p>Press  key, then turn ON the power simultaneously.</p> <p>Release  key</p> <p>(一)操作參數:</p> <p>按住  鍵,同時打開電源.出現 P-SET</p> <p>放開  鍵. 所選定的針車頭選項閃爍顯示.</p>		
<p>3.If it is not displayed as shown above, please repeat steps 1-2. 3.如果顯示畫面與上述不同,請重覆步驟 1~2.</p>		


4. Press  key, thus parameters no. will be cycled decreased.


4. 按  鍵, 則參數號碼循環遞減.

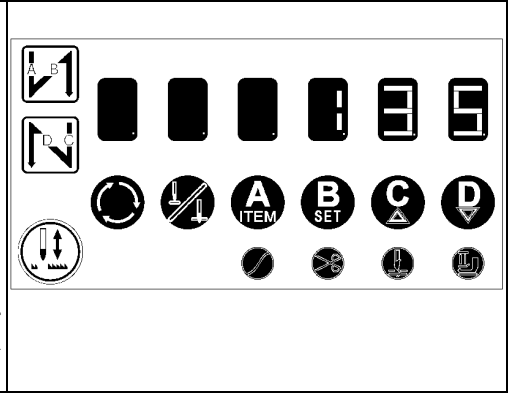
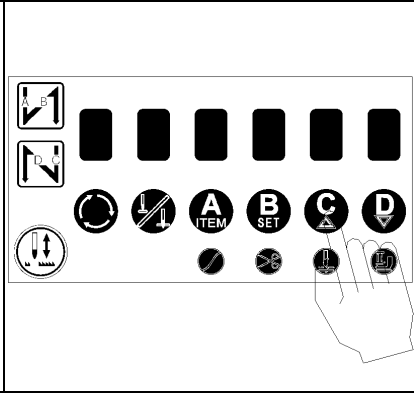
4.1 Press ITEM key, thus parameters no. will be cycled increased.


4.1 按 ITEM 鍵, 則參數號碼循環遞增.




5. Once the modifying parameter has been found, press  key, and the relative parameter setting will display accordingly.


5 找到想要修改之參數號碼, 按  鍵, 則顯示該號碼相對應之參數值.




6. Press  key to increase parameter value.

Press  key to decrease parameter value.


If you keep the key pressed, it will be continuously changing for new parameter values.  
(Ex. If you want to change parameter No.3 from 135 to

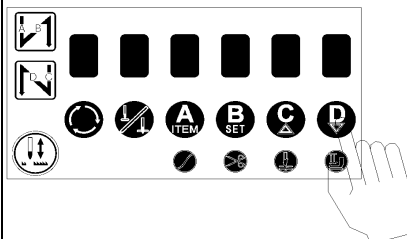
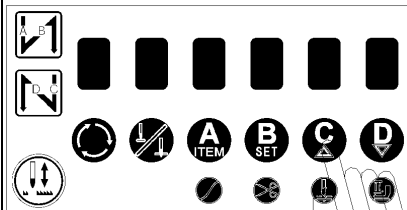
130. Press  key 5 times, and 130 will be displayed on the screen.

6. 按鍵  增加參數值

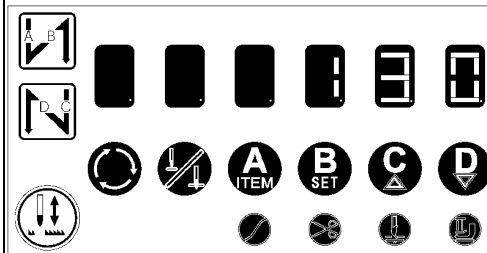
按  鍵減少參數值  
持續按住按鍵,可連續更新參數值。

(例:要將參數 No.3 的值由 135 修改為 130.操作方法為按

 鍵 5 次,使畫面顯示出 130)

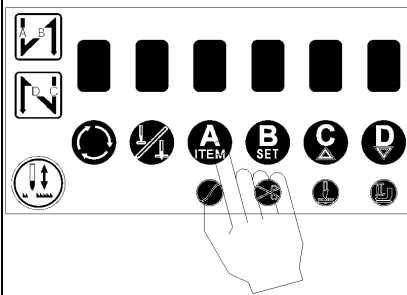


連接 5 次



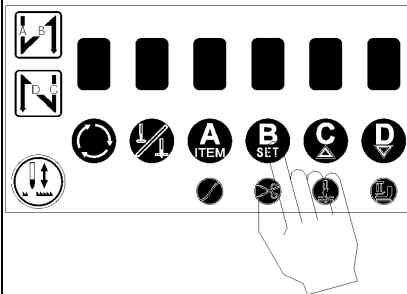
7. Pressing ITEM key can select for the next parameter no. repeat steps 4-6 to modify parameter value.

7. 按 ITEM 鍵可顯示下一組參數號碼,重覆步驟 4~6 選擇下一組要修改之參數。



8. Once all specified value has been changed, press SET key to save. If this procedure is not performed, the specified value will not be updated.

8. 當所有參數修改完畢後按 SET 鍵,會將修改後之參數內容儲存;如不進行此步驟,則無法更新參數內容,仍以舊參數操作。

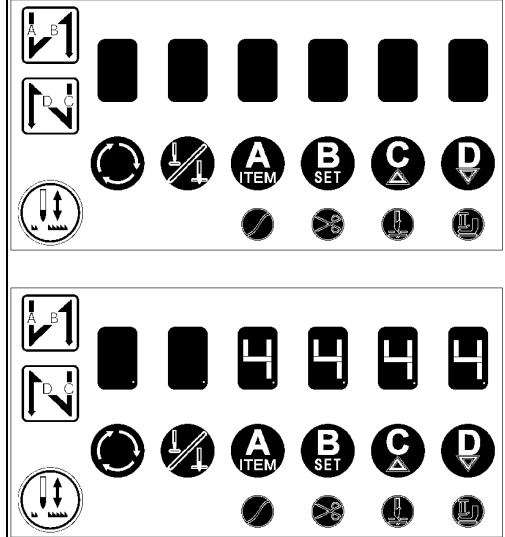
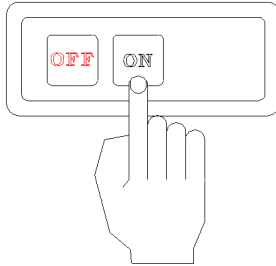
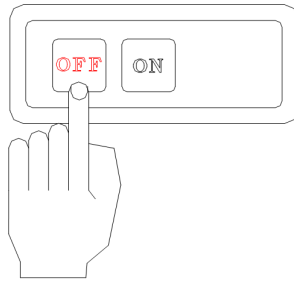


畫面閃爍一次  
顯示參數號碼



9. Turn OFF the power then re-start the power, thus it will operate according to new parameter values

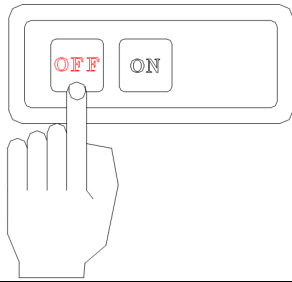
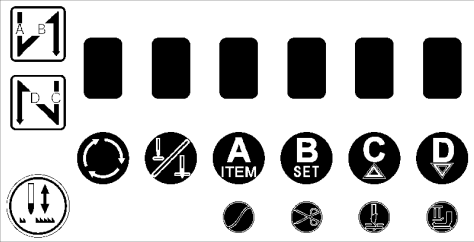
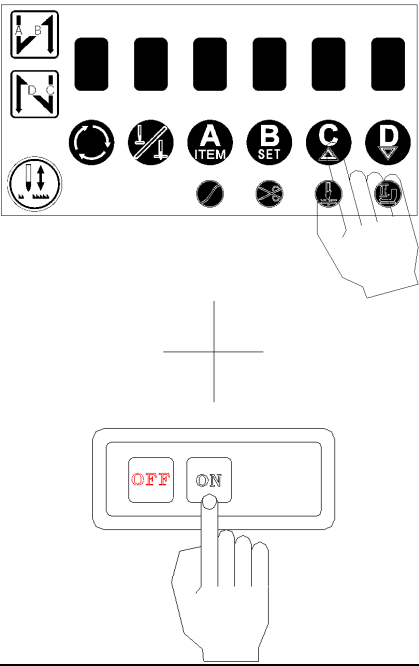
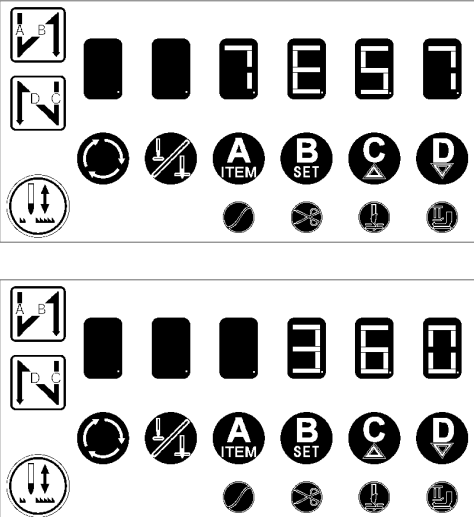
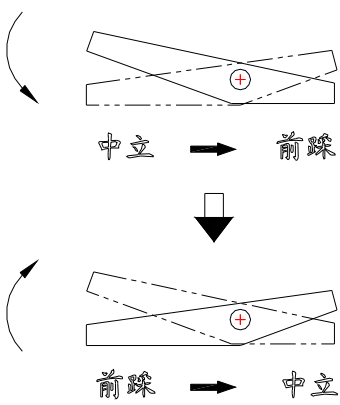
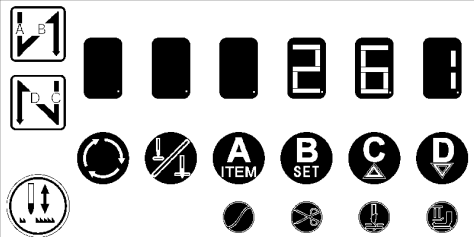
9. 關掉電源,再打開電源,將以最新的參數設定運作.



**2. Motor pulley ratio measurement :**

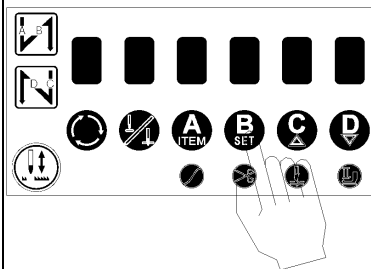
馬達皮帶輪比量測:



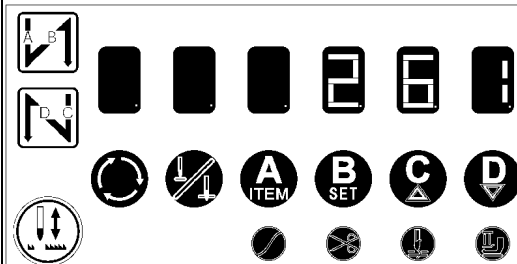
<p>1. Turn OFF the power. 1. 關掉電源。</p>		
<p>2. Press <b>C</b> key, then turn ON the power. Release <b>C</b> key. 2. 按住 <b>C</b> 鍵, 同時打開電源. 畫面出現 TEST, 放開 <b>C</b> 鍵. 畫面出現存在 EEPROM 中的皮帶輪比</p>		
<p>3. If the display is not as shown above, please repeat steps 1-2. 3. 如果顯示畫面與上述不同, 請重覆步驟 1~2.</p>		
<p>4. If the pedal is forwardly pressed, the motor will rotate 7 turns in positioning speed. After the motor stop, the motor pulley ratio will be displayed. (Sewing machine 360°=motor ? degrees). The step 4 can be repeated to confirm. 4. 踏板前踩一下, 馬達以定位速度運轉 7 圈馬達停止後, 畫面會顯示所量測的馬達皮帶輪尺寸比 (針車頭一圈 360 度=馬達?度) 可以重覆步驟 4, 再進一步確認.</p>		

5. Press SET key to save. If this procedure is not performed, it will remain as the old values.

5. 按 SET 鍵, 會將此一皮帶輪比儲存; 如不進行此步驟, 則無法更新內容。

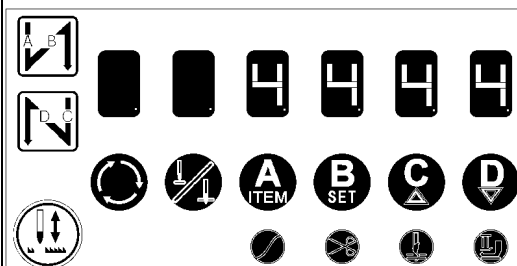
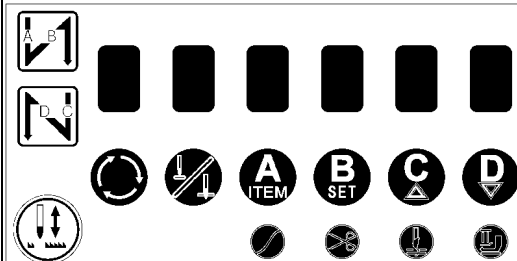
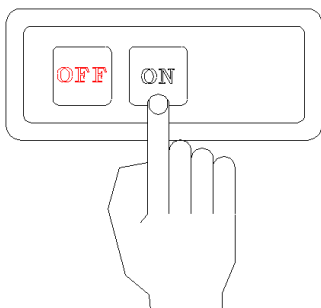
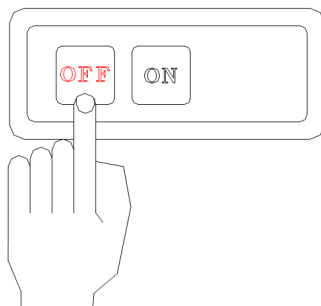


畫面閃爍一次  
顯示參數號碼



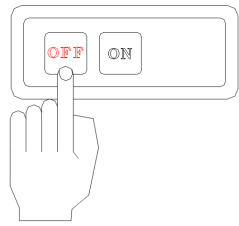
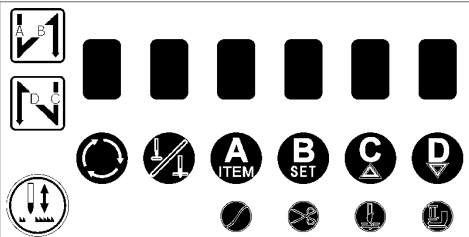
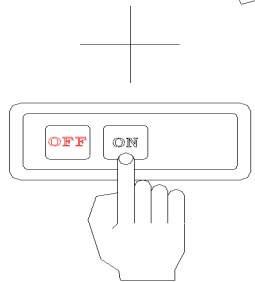
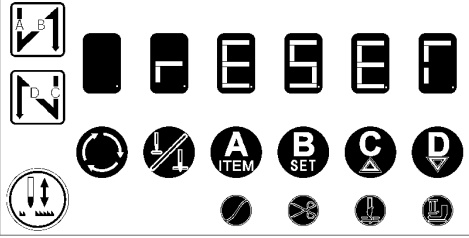
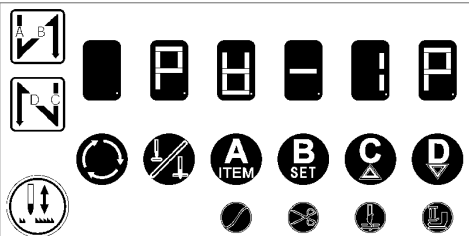





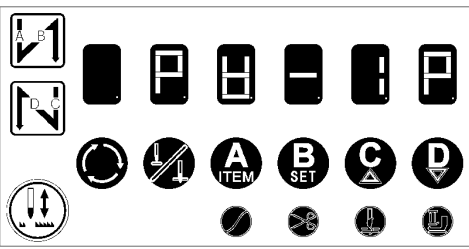
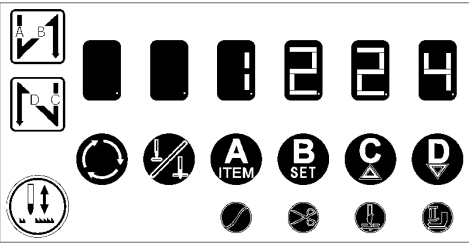
6. Turn OFF the power then re-turn ON the power, It will operate according to new pulley ratio values.

6. 關掉電源, 再打開電源, 將以最新的馬達皮帶輪比設定運作。



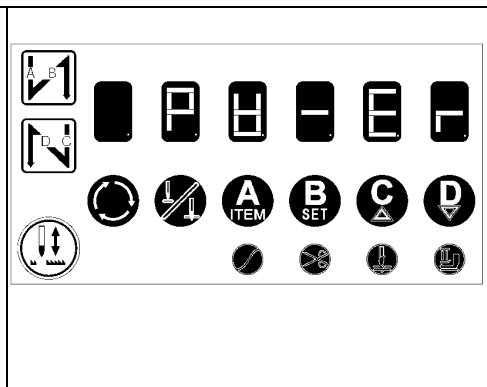
### 3. Select the machine type :

選擇針車頭選項:

<p>1. Turn OFF the power.</p> <p>1. 關掉電源.</p>		
<p>2. Press SET key simultaneously, then turn ON the power, until rESET displayed then release the key.</p> <p>2. 按住 SET 鍵,同時打開電源,直到畫面出現 rESET 才將按鍵放開出現 PW-IP 畫面.</p>		 
<p>3. If it is not displayed as shown above, please repeat steps 1-2.</p> <p>3. 如果顯示畫面與上述不同,請重覆步驟 1~2.</p>		
<p>4. Use A, B, C, D key to key in the password. And enter  to confirm.</p> <p>4. 利用 A, B, C, D 鍵將密碼輸入</p> <p>再按  鍵做確認. 不需要密碼的群組直接按  即可</p>	 	 

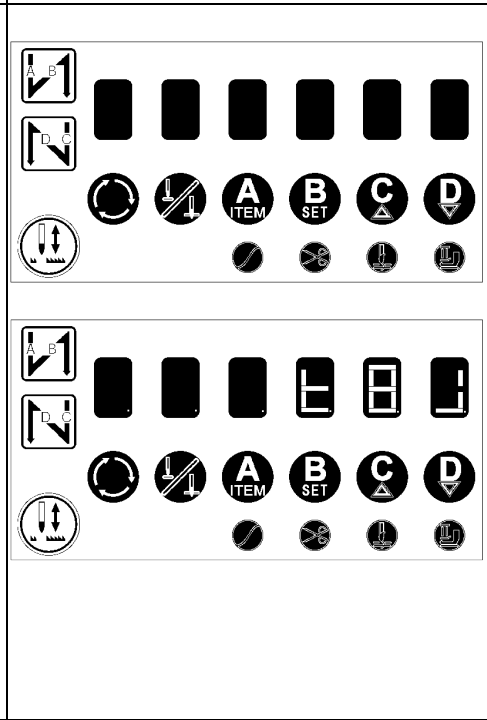
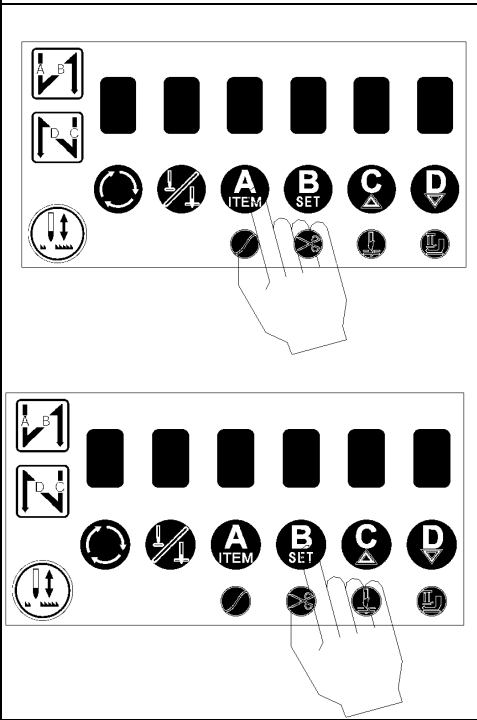
5.If the password is correct, the 1<sup>st</sup> sewing machine head choice will be displayed. If the password is incorrect, the "PW-ER" will be displayed. Please repeat step 4.

5.如果密碼正確會出現第一個針車頭選項, 如果密碼錯誤則出現 PW-ER 請重覆步驟 4.



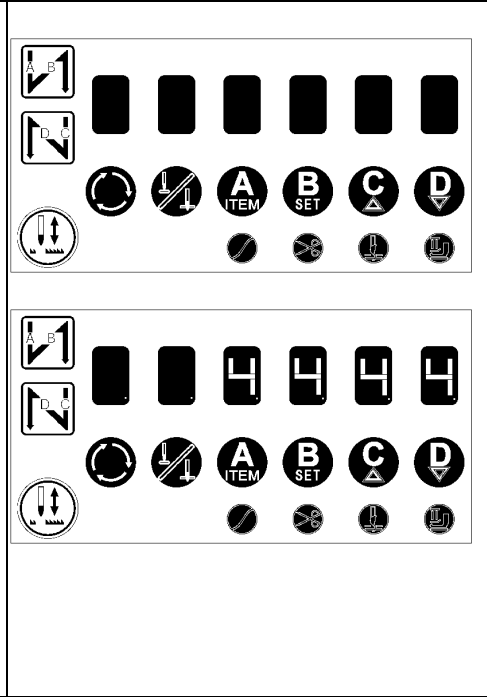
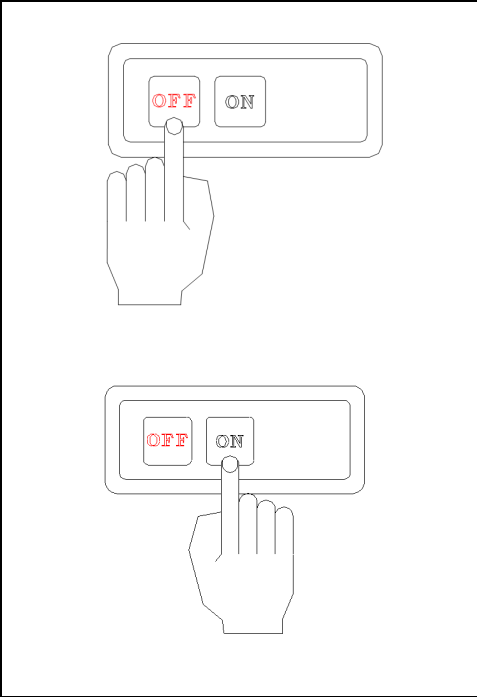
6.Press "ITEM" key to select machine type, then press "SET" key .

6.按 ITEM 鍵,選擇要設定的針車模式後,按下 SET 鍵.



7.Turn OFF the power, then turn ON the power again. It will operate according to the manual's instruction initial value.

7.關掉電源,再打開電源;將以說明書上參數的初始值來運作.





#### 4. Switch the function screen


功能畫面切換:

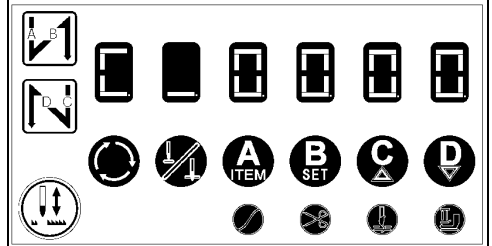
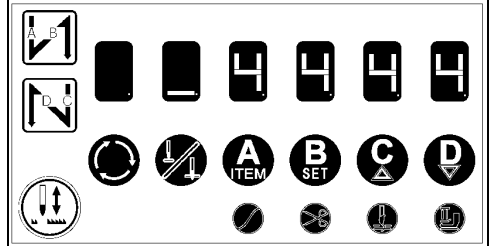
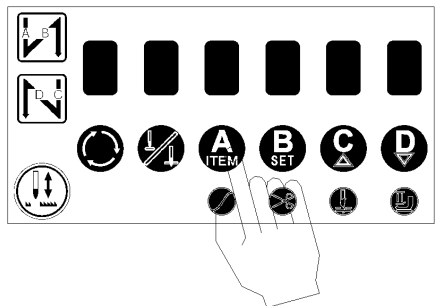
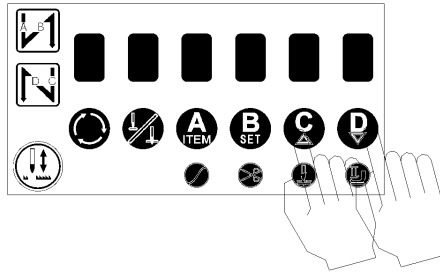
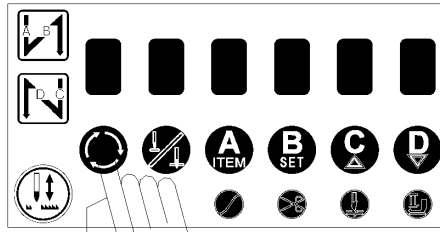
1. 在平常工作模式 , 畫面顯示針數

按下  鍵 , 畫面出現 C\_0000 顯示計件值.

按  鍵 → 計件值增加 1

按  鍵 → 計件值減少 1


按  鍵 2 秒 → 計件值歸零





1. 在平常工作模式 , 畫面顯示計


件值, 按下  鍵 , 畫面出現 F\_□□□□ 功能選擇畫面.

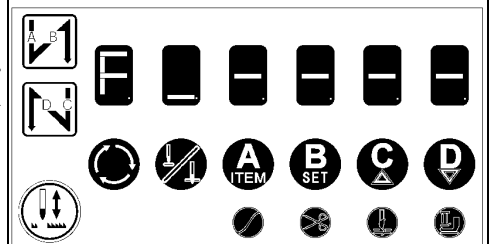
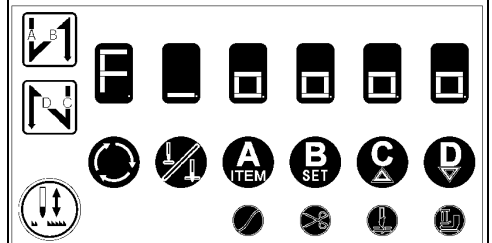
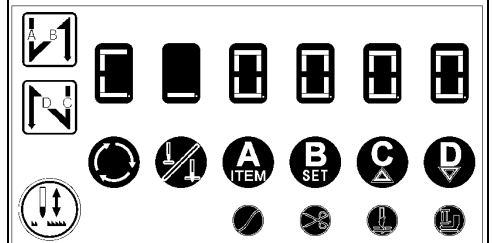
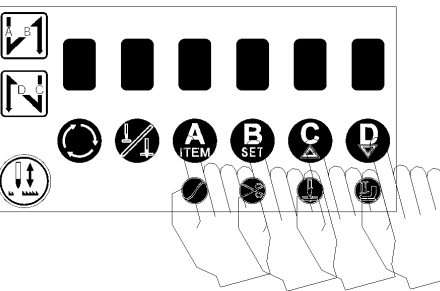
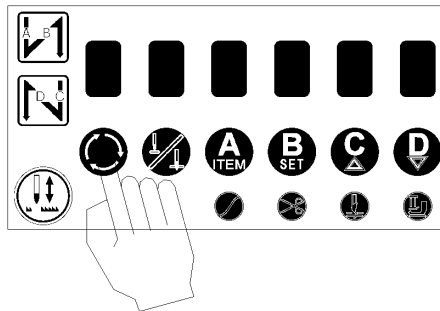
□ : 表示致能  
- : 表示無功能

 鍵對應慢速啟動功能


 鍵對應切線功能


 鍵對應撥線功能

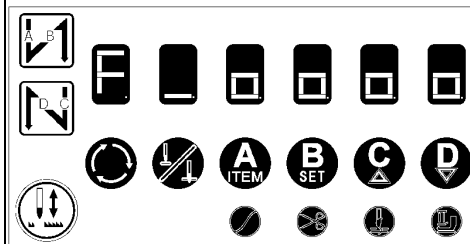
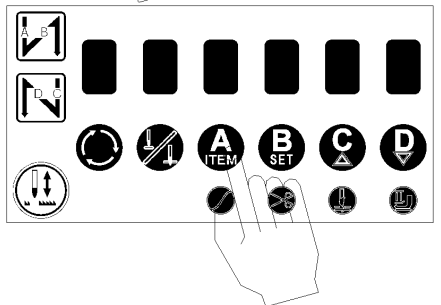
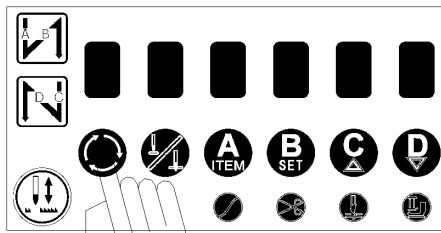
 鍵對應壓腳功能



3. 在平常工作模式 ,畫面顯示功


能選擇, 按下  鍵, 畫面出現 r\_0000 顯示馬達運轉時間畫面 :

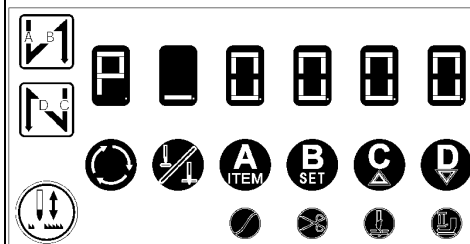
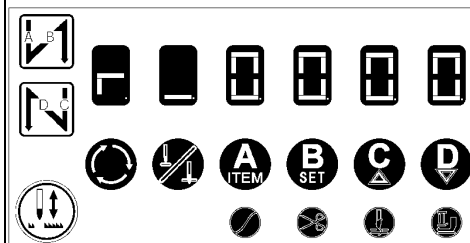
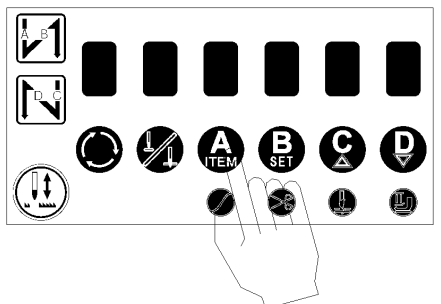
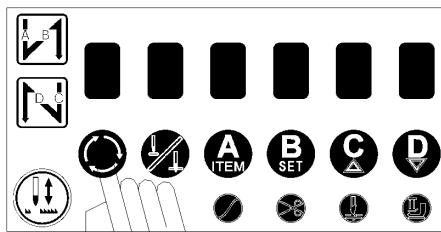
按  鍵 2 秒, 馬達運轉時間歸零




4. 在平常工作模式 ,畫面顯示馬

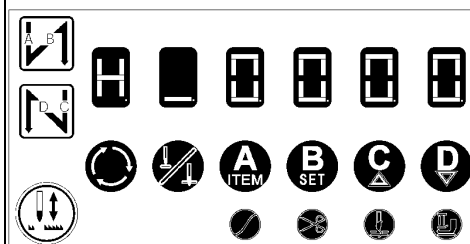
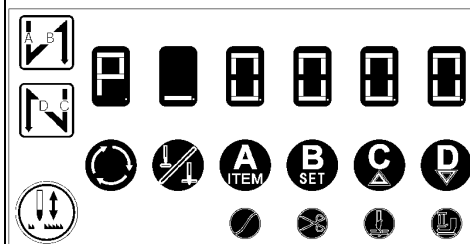
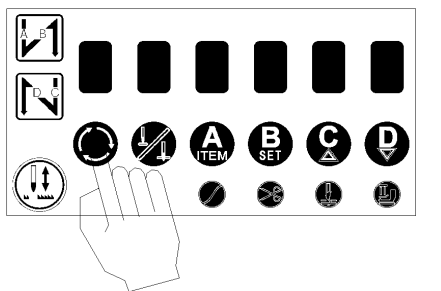
達運轉時間, 按下  鍵, 畫面出現 P\_0000 顯示控制器通電時間畫面 :

按  鍵 2 秒, 控制器通電時間歸零



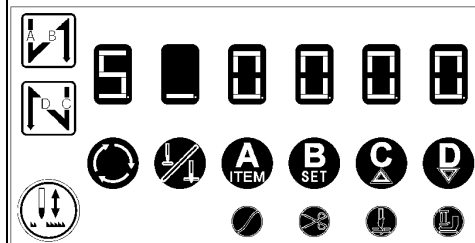
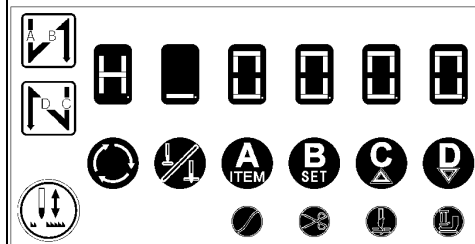
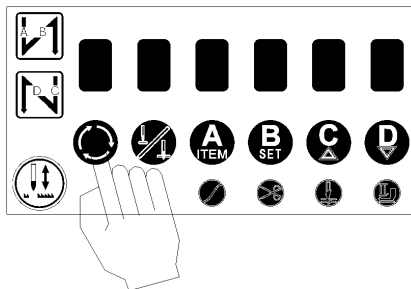
5. 在平常工作模式 ,畫面顯示控

制器通電時間按下  鍵, 畫面出現 H\_0000 顯示單件計針畫面, 計件值加一時會自動歸零



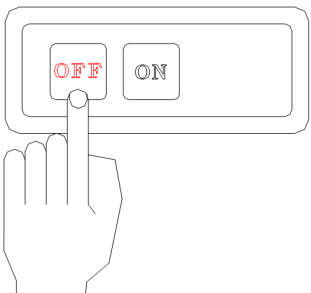
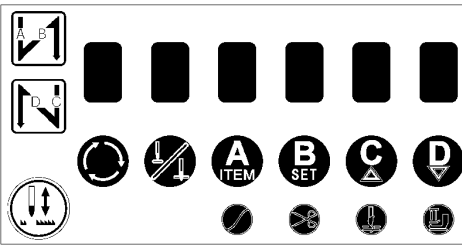




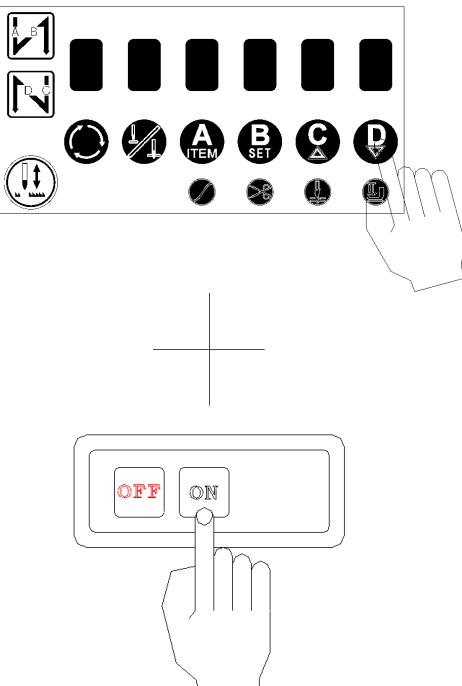
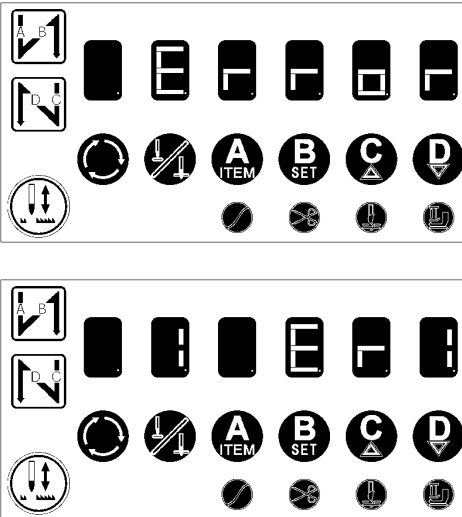
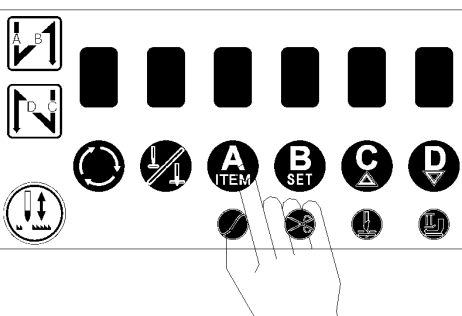

5. 在平常工作模式 ,畫面顯示單件

計針, 按下  鍵, 畫面出現 S\_0000 顯示針車轉速畫面



## 5. Historical error message display

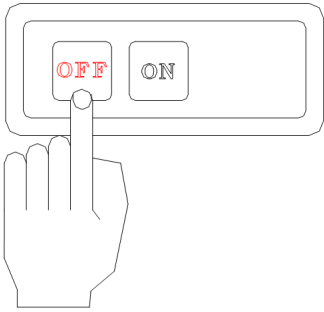
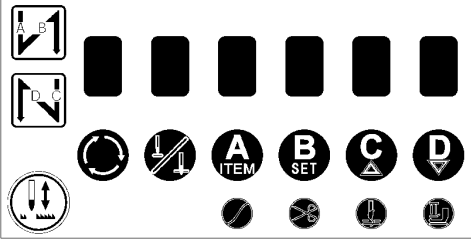




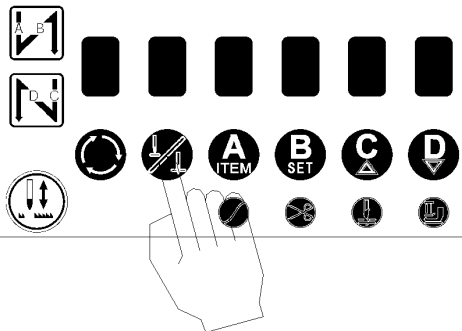
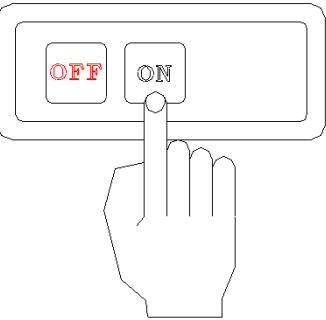
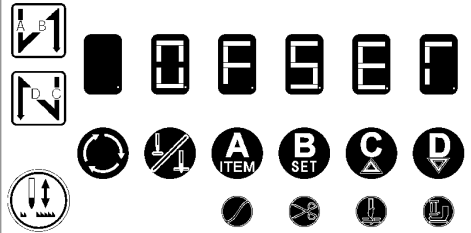
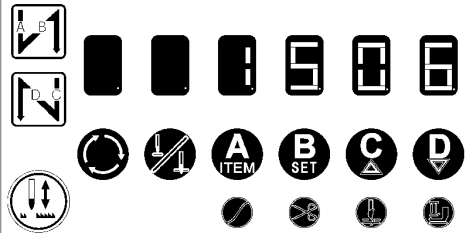
錯誤歷史顯示:

<p>1. Turn OFF the power.</p> <p>1. 關掉電源.</p>		
<p>2. Press  key, then turn ON the power simultaneously and display "ERROR"</p> <p>2. 按住  鍵,同時打開電源.出現 ERROR</p> <p>3. Release  key and display recently error message.</p> <p>3. 放開  鍵.顯示畫面出現最出現的錯誤訊息代碼</p>		
<p>4. Press "ITEM" key to cyclic display recent 6 error messages.</p> <p>4. ITEM 鍵最近所發生的 6 個錯誤 error 循環顯示.</p>		



## 6. Pedal sensor neutral point setting mode

### 速度基座中立點設定模式:

<p>1. Turn OFF the power 1 關掉電源.</p>		
<p>2. Set pedal sensor in the neutral point. Press  key, then turn ON the power simultaneously and display "OFSET". 2. 速度基座置於中立點， 按住  鍵,同時打開電源. 出現 OFSET</p> <p>3. Release  key, display the pedal sensor value that stored in EEPROM. 3 放開  鍵,會出現儲存於 EEPROM 中速度基座的讀值；</p> <p>4. Once press "UP" key, read the pedal sensor again. If the value between 1340~1790, press is "B" key to store. 4. 每按一次 UP 鍵則會重新讀取一次速度基座,當出現的值介於 1340~1790,則按下 B 鍵儲存.</p> <p>5. If always display "ERROR" that means the pedal sensor neutral point offset too much. The pedal sensor mechanical neutral point must be adjusted then repeat step 4. 5. 若一直出現 ERROR 表示速度基座中立點的機構位置偏離太多,必須先調整速度基座中立點的機構位置,再重復上述步驟 4 的動作.</p>	 <p style="text-align: center;">+</p> 	 

**SV-600 series Control box parameter list:**  
**SV-600 系列參數一覽表**

No 項目	Item 內容	Range 範圍	Remarks 備註	適用機型
1	Sewing machine maximum speed 針車最高速度	200spm ~ 8000spm	50 rpm/step	All
2	Sewing machine medium speed 針車中速	200spm ~ 8000spm	50spm / step	All
3	Sewing machine positioning speed 針車定位速度	100spm ~ 250spm	1spm / step	All
4	Sewing machine trimming speed 針車切線速度	100spm ~ 250spm	1spm / step	All
5	The speed of start auto back tack 開始自動倒縫速度	500spm ~ 2500spm	10spm /step	Sv610 Sv620
6	Soft start speed 慢速啟動速度	250spm ~ 2000spm	10spm /step	All
7	Soft start stitches 慢速啟動針數	0 ~ 19 stitches		All
8	Condensed sewing speed / End auto back tack speed 密縫速度 / 結束自動倒縫速度	500 ~ 2500spm	10spm /step	Sv610 Sv620
9	End condensed stitches' number 結束密縫針數	0 ~ 99 stitches		Sv610 Sv620
10	Stitches' number that between condensed sewing and trimming 密縫結束後切線執行前車縫針數	0 ~ 19 stitches		Sv610 Sv620
11	Foot lifter type 壓腳型式	SOL: Solenoid type SOL: 線圈式 AIR: Pneumatic type AIR: 汽閥式		All
12	Foot lifter control mode 壓腳控制模式	PFL: Pedal controls foot lifter. 踏板控制壓腳 TAFL: auto foot lifts after trimming 切完線後自動抬壓腳 AFL: Auto foot lifting after positioning 馬達定位停自動壓腳 TFL: Pedal controls foot lifter after trimming 切完線後才可以踏板控制抬壓腳 SFL: Auto foot lifting (Material edge sensor as output control) 自動壓腳(布端檢出器控制輸出) AFL2: Auto foot lifting after trimming. (It's effective even pedal forward) 切完線後自動抬壓腳(踏板保持前踩狀態時仍有效)		All
13	Delay time after foot lifter is down 壓腳放下後延遲時間	100 ~ 2500 ms	10 ms / step	All
14	Confirming time for foot lifter acting level 壓腳動作準位確認時間	10 ~ 1000 ms	10 ms / step	All
15	Foot lifter duty 壓腳 DUTY	0 ~ 99%	1 % / step	All
16	Foot lifter full duty output time 壓腳 FULL DUTY 輸出時間	100 ~ 1000 ms	10 ms / step	All

17	Thread trimming mode 切線模式	OFF : No thread trimming 無切線 LOCK : lockstitch thread trimming 平車切線 LU2 : LU2220 thread trimming LU2220 切線 LU1 : LU1520 thread trimming LU1520 切線 LU : Other LU machine thread trimming 其他 LU 機型切線 US639 : US63900 thread trimming US63900 切線 UT : Needle up trimming 上停切線 AIR : Needle up trimming (AIR BLOW) 上停切線 (AIR BLOW) UT2 : Needle down trimming (trimming & wiping together) 上停切線(切線與撥線一起動作)		Sv610 Sv620
18	Thread trimming delaying time 切線延遲時間	0 ~ 200 ms	10 ms / step	Sv610 Sv620
19	Thread trimming acting time 切線動作時間	0 ~ 1000 ms	10 ms / step	Sv610 Sv620
20	Thread wiping delaying time 撥線延遲時間	0 ~ 300 ms	10 ms / step	Sv610 Sv620
21	Thread wiping acting time 撥線動作時間	0 ~ 2500 ms	10 ms / step	Sv610 Sv620
22	Foot lifter delaying time 壓腳延遲時間	0 ~ 2500 ms	10 ms / step	Sv610 Sv620
23	Thread wiping output control 撥線輸出控制	0 : No output thread wiping 不輸出撥線 1 : Output thread wiping 輸出撥線 2 : Output thread wiping when foot lifter active 輸出撥線,切完線後與壓腳同動		Sv610 Sv620
24	Motor rotating direction 馬達轉向	CCW : Counterclockwise 逆時針 CW : Clockwise 順時針		All
25	A_code back tacking compensation A_CODE 回針提前動作補正時間	0 ~ 175 ms	1ms /step	Sv610 Sv620
26	B_code back tacking compensation B_CODE 回針提前釋放補正時間	0 ~ 175 ms	1ms /step	Sv610 Sv620
27	C_code back tacking compensation C_CODE 回針提前釋放補正時間	0 ~ 175 ms	1ms /step	Sv610 Sv620
28	The curve slope of pedal stroke vs. motor rotating speed 踏板行程對應馬達速度曲線	0 ~ 4	Bigger value means smaller curve slope 數值越大曲線斜率越小	All
29	Accelerating slope 加速曲線	1 ~ 8	Bigger value means slowly accelerating 數值越大加速越慢	All
30	The pedal stroke adjustment for motor start rotating 馬達開始轉動的踏板行程調整	50 ~ 90	(Pedal neutral = 40, LD1 lighting) (中立點參考值 = 40 , LD1 點亮 )	All

31	Pedal stroke adjusts for motor start accelerating 馬達開始加速的踏板行程調整	70 ~ 110		All
32	Pedal stroke adjusts for foot lifter start acting 壓腳開始動作的踏板行程調整	20 ~ 35		All
33	Pedal stroke adjusts for start thread trimming 切線開始動作的踏板行程調整	3 ~ 30		Sv610 Sv620
34	Standing type pedal operating choice 立式作業選擇	OFF : Normal speed pedal unit 速度基座正常操作 PK70 : For JUKI standing operation PK70 type 配合 JUKI 立式作業 PK70 PKSW : Standing pedal operation, the speed is fixed (low speed & high speed) 立式作業,速度固定(低速&高速) PK71 : For YHH standing operation PK71 type 配合永輝興立式作業 PK71		All
35	Safety switch type 安全開關型式	N.O : Normal open switch 常開接點 N.C : Normal close switch 常閉接點		Sv610 Sv620
36	In auto test mode, motor running time adjustment 自動測試模式下,馬達運轉時間調整	100 ~ 20000 ms	100 ms / step	Sv610 Sv620
37	In auto test mode, motor stopping time adjustment 自動測試模式下,馬達停止時間調整	100 ~ 20000 ms	100 ms / step	Sv610 Sv620
38	Back tacking switch function 回針按鍵功能	BTSW : Control back tacking solenoid 控制回針線圈 NDUP : Control back tacking solenoid when motor runs, and as needle up switch when motor stops 運轉中控制回針線圈,靜止時提針至上停 DSIN : Control back tacking solenoid when motor runs, non-continuously inching during motor stops 運轉中控制回針線圈,靜止時不連續 INCHING CNIN : Control back tacking solenoid when motor runs, continuously inching during motor stops 運轉中控制回針線圈,靜止時連續 INCHING		Sv610 Sv620

38	Back tacking switch function 回針按鍵功能	RFS : Reverse feed stitching function is effective during sewing 途中倒縫功能(車縫中有效) RFSS : Reverse feed stitching function is effective both during sewing and stopping 途中倒縫功能(車縫中&停止時均有效) SHOT : Control back tacking solenoid, No.74 decide the output pulse width. 控制回針線圈 , 輸出脈波寬由 NO.74 決定 FLIP : Control back tacking solenoid, by flip-flop type output 以 flip-flop 方式控制回針線圈		
39	Stitches' number in reverse feed stitching 途中倒縫針數	0 ~ 19 stitches 針		Sv610 Sv620
40	Trimming function in the reverse feed stitching 途中倒縫切線功能	OFF : ineffective 不切線 ON : effective. 途中倒縫針數結束後,進行自動切線		Sv610 Sv620
41	Execute auto thread trimming after end fixed stitches' number sewing process 固定針數縫製工程結束後,自動切線功能	OFF : ineffective. 無功能 ON : effective 有此功能		Sv610 Sv620
42	Material edge sensor function 布端檢出器功能	OFF : ineffective 無功能 ON : effective 有此功能		All
43	Material edge sensor stitches' number 布端檢出器針數	0 ~ 99 stitches 針		All
44	Use material edge sensor to process trimming function 利用布端檢出器進行切線功能	OFF : ineffective 無功能 ON : effective 有此功能		Sv610 Sv620
45	Auto needle up positioning when power on 開機自動上停	OFF : ineffective 無功能 ON : effective 有此功能		All
46	Backtack switch protect time 回針按鍵保護時間	0 ~ 30 seconds		Sv610 Sv620
47	To lock the pedal forward function before finish trimming process 切線完成前踏板前踩互鎖功能	OFF : ineffective 無功能 ON : effective 有此功能		Sv610 Sv620
48	Sewing machine reversed revolution function after thread trimming processed 切線完成後車頭反轉功能	OFF : ineffective 無功能 ON : effective 有此功能		Sv610 Sv620
49	Sewing machine reversed revolution angles after thread trimming processed 切線完成後車頭反轉角度	0 ~ 250°	1° / step	Sv610 Sv620
50	The delaying time after finished thread trimming but before sewing machine reversed revolution. 切線完成後車頭反轉前延遲時間	0 ~ 2500 ms	10 ms / step	Sv610 Sv620

51	Virtual needle down positioning function 虛擬下停功能	OFF : ineffective 無功能 ON : effective 有此功能		All
52	The angles between virtual needle down positioning point and needle up signal 虛擬下停點,由上停信號開始點起算	0 ~ 250°	1° / step	All
53	The needle positioning function of starting sewing 起縫定針功能	OFF : ineffective 無功能 ON : effective 有此功能		All
54	The needle positioning angles of starting sewing 起縫定針角度	0 ~ 250°	1° / step	All
55	The starting angle of trimming action (count from the needle down position and only effective in LU trimming mode) 切線動作開始角度(下停開始起算,只在 LU 切線模式有效)	0 ~ 250°	1° / step	Sv610 Sv620
56	The continuous angles of trimming action (count from the needle down position and only effective in LU trimming mode) 切線動作持續角度(只在 LU 切線模式有效)	0 ~ 250°	1° / step	Sv610 Sv620
57	The tension release starts acting angles (count from the needle down position and only effective in LU trimming mode) 紗拉組開始動作角度(下停開始起算,只在 LU 切線模式有效)	0 ~ 250°	1° / step	Sv610 Sv620
58	The tension release continuous acting angles (only effective in LU trimming mode) 紗拉組動作持續角度(只在 LU 切線模式有效)	0 ~ 250°	1° / step	Sv610 Sv620
59	The tension release continuous acting time (count from the needle up position and only effective in LU trimming mode) 紗拉組動作持續時間(上停信號開始動作起算,只在 LU 切線模式有效)	0 ~ 1250 ms	5 ms / step	Sv610 Sv620
60	The function choice of Option IN_A Option IN_A 功能選擇	OFF : No function 無功能 DSCT: Cancel thread trimming for one time 單次取消切線 DSBT: Cancel auto back tacking for one time 單次取消自動回針 DSCN : Cancel condensed stitching for single time 單次取消密縫 NDUP : Needle up switch 提針到上停 HALF : Half stitch inching 半針補針 ONE : One stitch inching 一針補針	(it's only effective when No.34=OFF) No.34 = OFF 時才有效	All

61	The function selection for Option IN_B Option IN_B 功能選擇	OFF : No function 無功能 DSCT: Cancel thread trimming for single time 單次取消切線 DSBT: Cancel auto back tacking for single time 單次取消自動回針 DSCN : Cancel condensed stitching for single time 單次取消密縫 NDUP : Needle up switch 提針到上停 HALF : Half stitch inching 半針補針 ONE : One stitch inching 一針補針	(it's only effective when No.34=OFF) No.34 = OFF 時才有效	All
62	The function selection for Option IN_C Option IN_C 功能選擇	OFF : No function 無功能 DSCT: Cancel thread trimming for single time 單次取消切線 DSBT: Cancel auto back tacking for single time 單次取消自動回針 DSCN : Cancel condensed stitching for single time 單次取消密縫 NDUP : Needle up switch 提針到上停 HALF : Half stitch inching 半針補針 ONE : One stitch inching 一針補針	(it's only effective when No.34=OFF) No.34 = OFF 時才有效	All
63	Motor stop before executes EBT 執行 EBT 之前馬達是否停止	OFF : ineffective 馬達不會停止,直接作 EBT ON : effective 馬達會停止一段時間(參數 NO.64 設定)再接 EBT		Sv610 Sv620
64	Motor stops time before executes EBT (only effective when No.63=ON) 執行 EBT 之前馬達停止時間 (只在 NO.63=ON 時有效)	20 ~ 1500 ms	10 ms / step	Sv610 Sv620
65	Start auto back tacking control mode 開始自動倒縫控制模式	AUTO : Auto mode 自動模式 ASU : After every back tacking cycle, firstly stop in the needle up position (the time period is as No.68 setting) then execute next process. 每趟針數執行完,在上停位置先停止 (NO.68 所設定時間) 再接著做下一趟針數 ASD : After every back tacking cycle, firstly stop in the needle down position (the time period is as No.68 setting) then execute next process. 每趟針數執行完,在下停位置先停止 (NO.68 所設定時間) 再接著做下一趟針數		Sv610 Sv620

66	End auto back tacking control mode 結束自動倒縫控制模式	AUTO : Auto mode 自動模式 ASU : After every back tacking cycle, stop in the needle up position (the time period is as No.68 setting) then execute next process. 每趟針數執行完,在上停位置先停止 (NO.68 所設定時間) 再接著做下一趟針數 ASD : After every back tacking cycle, stop in the needle down position (the time period is as No.68 setting) then execute next process. 每趟針數執行完,在下停位置先停止 (NO.68 所設定時間) 再接著做下一趟針數		Sv610 Sv620
67	Continuously auto back tacking control mode 連續自動倒縫控制模式	AUTO : Auto mode 自動模式 ASU : After every back tacking cycle, stop in the needle up position (the time period is as No.68 setting) then execute next process. 每趟針數執行完,在上停位置先停止 (NO.68 所設定時間) 再接著做下一趟針數 ASD : After every back tacking cycle, stop in the needle down position (the time period is as No.68 setting) 每趟針數執行完,在下停位置先停止 (NO.68 所設定時間) 再接著做下一趟針數		Sv610 Sv620
68	Auto back tacking section stopping time 自動倒縫段落停止時間	20 ~ 1500 ms	10 ms / step	Sv610 Sv620
69	The Option OUT_A acts stitches' number after material edge sensor on 布端檢出器開始動作 Option OUT_A 動作針數	0 ~ 99 stitches 針		Sv-620
70	The Option OUT_A delays stitches' number after material edge sensor off 布端檢出器結束動作 Option OUT_A 延遲針數	0 ~ 99 stitches 針		Sv-620
71	The acts stitches' number after the Option OUT_A delays stitches' number & material edge sensor off 布端檢出器結束動作 Option OUT_A 延遲後動作針數	0 ~ 99 stitches 針		Sv-620
72	The Option OUT_B acts stitches' number after material edge sensor on 布端檢出器開始動作 Option OUT_B 延遲針數	0 ~ 99 stitches 針		Sv-620
73	The Option OUT_B delays stitches' number after material edge sensor off 布端檢出器結束動作 Option OUT_B 延遲針數	0 ~ 99 stitches 針		Sv-620
74	The Option OUT_B acts time Option OUT_B 動作時間	0 ~ 250 ms		Sv-620



75	The Option OUT_C acts stitches' number after material edge sensor on 布端檢出器開始動作 Option OUT_C 動作針數	0 ~ 99 stitches 針		Sv-620
76	The Option OUT_C delays stitches' number after material edge sensor off 布端檢出器結束動作 Option OUT_C 動作針數	0 ~ 99 stitches 針		Sv-620
77	The Option OUT_D acts stitches' number after material edge sensor on 布端檢出器開始動作 Option OUT_D 延遲動作針數	0 ~ 99 stitches 針		Sv-620
78	The Option OUT_D delays stitches' number after material edge sensor off 布端檢出器結束動作 Option OUT_D 持續動作針數	0 ~ 99 stitches 針		Sv-620
79	The function choice of Option OUT_A Option OUT_A 功能選擇	0 : No output 無輸出 1 : Depend on the setting stitches' number output 根據所設定針數輸出 2 : Depend on the setting stitches' number output when foot lifter acts 根據所設定針數輸出 & 舉壓腳動作時輸出 3: No output when motor stop 馬達停止時無輸出		Sv-620
80	The function choice of Option OUT_B Option OUT_B 功能選擇	0 : No output 無輸出 1 : Depend on the setting stitches' number output (Pedal control speed) 根據所設定針數輸出( 踏板控制速度 ) 2 : Depend on the setting stitches' number output (material edge sensor starts & during motor medium speed) 根據所設定針數輸出( 布端檢出器開始&結束動作時馬達為中速 ) 3 : Depend on the setting stitches' number output (material edge sensor ends & during motor medium speed) 根據所設定針數輸出 ( 布端檢出器結束動作時馬達為中速 )		Sv-620
81	The function choice of Option OUT_C Option OUT_C 功能選擇	0 : No output 無輸出 1 : Depend on the setting stitches' number output (Pedal control speed) 根據所設定針數輸出( 踏板控制速度 ) 2 : Depend on the setting stitches' number output (material edge sensor ends & during motor medium speed) 根據所設定針數輸出( 布端檢出器結束動作時馬達為中速 ) 3 : Auto sewing the setting stitches without pedal press 踏板不需要前踩也可以自動執行所設定的針數		Sv-620

82	The function choice of Option OUT_D Option OUT_D 功能選擇	0 : No output 無輸出 1 : Depend on the setting stitches' number output 根據所設定針數輸出 2 : Depend on the setting stitches' number output when foot lifter acts 根據所設定針數輸出 & 舉壓腳動作時輸出 3 : Depend on the setting stitches' number output (keeps acting even motor stops) 根據所設定針數輸出(馬達停止時仍保持動作)		Sv-620
83	The control solenoid output cycle choice of material edge sensor 布端檢出器控制輸出線圈循環週期結束選擇	0 : Option OUT_A 1 : Option OUT_B 2 : Option OUT_C		Sv-620
84	The priority between material edge sensor on & pressing pedal forward 布端檢出器開始動作與踏板前踩優先權選擇	0 : The material edge sensor must be acted before pressing pedal 布端檢出器必須在踏板前踩之前動作 1 : Pedal condition is immediate effective when material edge sensor on 布端檢出器開始動作時踏板的狀態立刻有效 2 : Pressing pedal is prior. 踏板前踩優先		Sv-620
85	Cancel the thread trimming function choice when pedal is heeled. 取消踏板後踩切線功能選擇	OFF : With the thread trimming function when pedal is heeled 有踏板後踩切線功能 ON : Cancel the thread trimming function when pedal is heeled. And just the foot lifting function is effective. 取消踏板後踩切線功能只做舉壓腳動作		Sv-620

86	Special function choice 特殊功能選擇	0 : No special function 沒有特殊功能 1 : LB2 enable, MTJ=OFF LB2 致能 , MTJ = OFF 2 : LB2 enable, MTJ=ON LB2 致能 , MTJ = ON 3 : BAF function BAF 功能 4 : LU1521 function LU1521 功能 5 : CA1 function CA1 功能 6 : SAS1 function SAS1 功能 7 : BASF function BAFS 功能 8 : Manual one- shot function 踏板控制 one-shot 針數車縫功能 9 : Automatic one-shot function 自動 one-shot 針數車縫功能 10 : edge sensor with re-cycle function 布端檢出器有再次循環功能		Sv-620
87	No synchronizer operation mode 沒有同步器操作模式	OFF : ineffective . 無功能 ON : effective 有此功能 ( 不會顯示 ER-1)		All
88	The speed margin of executing needle positioning 執行定位的速度臨界值	80 ~ 160	1 / step	All
89	Decelerating speed slope choice 減速曲線選擇	1 ~ 8	(The bigger value means the longer time of decelerating.) 設定值越大,減速時間 越長	All
90	Motor static brake function 馬達靜止煞車功能	1 ~ 20	0 : No such function 無功能 1 ~ 20 : (The bigger value means the more powerful braking force.) 1 ~ 20 : 有此功能, 設 定值越大煞車力量越 大	All
91	Motor rotation signal control 馬達轉動信號控制	OFF : No output 不輸出 TL1 : TL solenoid outputs when motor rotates. 馬達轉動時由 TL 線圈輸出 TL2 : TL solenoid outputs when motor rotates & foot lifter acts. 馬達轉動時和舉壓腳動作時由 TL 線 圈輸出		All
92	Forward output the motor rotation signal 馬達轉動信號提早輸出時間	0 ~ 1250 ms	5 ms / step	All

93	Reverse revolution function when machine starts stitching. 起縫反轉功能	OFF : ineffective 無功能 ON : effective 有此功能		All
94	Reverse angles when machine starts stitching. 起縫反轉角度	0 ~ 250°	1° / step	All
95	Check the speed control unit condition function when power on. 開機時檢查速度基座狀態功能	OFF : ineffective 無功能 ON : effective 有此功能		All
96	The crossly locked time of speed control unit 速度基座互鎖時間	0 ~ 2500ms	10ms/ step	All
97	Auto function setting. (Only effective in BAFS machine) 自動機能設定(只在 BAFS 車頭選項中有效)	OFF : ineffective 無功能 ON : effective 有此功能		Sv-620
98	Motor delays starting time. (Only effective in BAFS machine) 馬達延遲啟動時間(只在 BAFS 車頭選項中有效)	0 ~ 9900 ms	100 ms / step	Sv-620
99	BLOWER-B delays output time. (Only effective in BAFS machine) BLOWER- B 輸出延遲時間(只在 BAFS 車頭選項中有效)	0 ~ 9900 ms	100 ms / step	Sv-620
100	BLOWER-B output time. (Only effective in BAFS machine) BLOWER- B 輸出動作時間(只在 BAFS 車頭選項中有效)	0 ~ 9900 ms	100 ms / step	Sv-620
101	In motor running, FLSW key input to control FLL output acted stitches' number 馬達運轉中 option IN_G 按鍵輸入控制 option OUT_D 輸出動作針數	0 ~ 500 stitches 針	2 stitches 針/ step	Sv-620
102	Material edge sensor begins acting, Option OUT_E delay acting stitches number 布端檢出器開始動作 Option OUT_E 延遲動作針數	0 ~ 99 stitches 針		Sv-620
103	Material edge sensor ends acting, Option OUT_E continuously act stitches number 布端檢出器結束動作 Option OUT_E 持續動作針數	0 ~ 99 stitches 針		Sv-620
104	Option OUT_E function choice Option OUT_E 功能選擇	OFF : No output 無輸出 ON : Depend on setting stitches' number output 根據所設定針數輸出		Sv-620
105	Foot lifter protecting time 押腳保護時間	0 ~ 60 seconds 秒	1 seconds 秒 / step	All
106	Folder auto function setting (Only effective in TCF machine) Folder 自動機能設定 (只在 TCF 車頭選項中有效)	OFF : ineffective 無功能 ON : effective 有此功能		Sv-620
107	Folder auto function delays stitches' number (Only effective in TCF machine) Folder 自動機能延遲針數(只在 TCF 車頭選項中有效)	0 ~ 99 stitches 針		Sv-620
108	Motor's braking force when positioning 馬達定位時煞車力	0 ~ 3		All

109	Quick Needle positioning function 快速定位停	OFF : ineffective 無功能 ON : effective 有此功能		All
110	Needle thread winding device released time (LU-1521 is effective) 勾線裝置釋放時間 ( LU-1521 車頭有效 )	0 ~ 600 ms	30 ms / step	Sv-620
111	ER-2 checking time ER-2 檢查時間	0 ~ 5 seconds 秒	1 seconds 秒 / step	All
112	ATC auto function setting (Only effective in ATC machine) ATC 自動機能設定(只在 ATC 車頭選項中有效)	OFF : ineffective 無功能 ON : effective 有此功能		Sv-620
113	Material edge sensor begins acting, Option OUT_F delay acting stitches' number 布端檢出器開始動作 Option OUT_F 延遲 動作針數	0 ~ 99 stitches 針		Sv-620
114	Material edge sensor ends acting, Option OUT_F continuously act stitches' number 布端檢出器結束動作 Option OUT_F 持續 動作針數	0 ~ 99 stitches 針		Sv-620
115	Option OUT_F function choice Option OUT_F 功能選擇	OFF : No output 無輸出 ON : Depend on setting stitches' number output 根據所設定針數輸出		Sv-620
116	Control Option OUT_C solenoid output function by Option IN_D 利用 Option IN_D 控制 Option OUT_C 線圈 輸出功能	OFF : ineffective 無功能 ON : effective 有此功能		Sv-620
117	Start condensed stitching stitches' number 開始密縫針數	0 ~ 99 stitches 針		Sv-610 Sv620
118	During motor rotates, auto FOLDER stitches' number (YU2F & YU3F machine is effective) 馬達運轉中,自動 FOLDER 針數(YU2F & YU3F 車頭有效)	0 ~ 99 stitches 針		Sv-620
119	Auto FOLDER function (YU2F & YU3F machine is effective) 自動 FOLDER 功能(YU2F & YU3F 車頭 有效)	OFF : ineffective 無功能 ON : effective 有此功能		Sv-620
120	D_code back tacking compensation D_CODE 回針提前動作補正時間	0 ~ 175 ms	5° /step	Sv-610 SV-620
121	C2_code back tacking compensation C2_CODE 回針提前釋放補正時間	0 ~ 175 ms	1ms /step	SV-610 SV-620
122	A2_code back tacking compensation A2_CODE 回針提前動作補正時間	0 ~ 175 ms	1ms/step	SV-610 SV-620
123	B1_code back tacking compensation B1_CODE 回針提前釋放補正時間	0 ~ 175 ms	1ms/step	SV-610 SV-620
124	WA_code back tacking compensation WA_CODE 回針提前動作補正時間	0 ~ 175 ms	1ms/step	SV-610 SV-620
125	WB_code back tacking compensation WB_CODE 回針提前釋放補正時間	0 ~ 175 ms	1ms /step	SV-610 SV-620
126	WC_code back tacking compensation WC_CODE 回針提前動作補正時間	0 ~ 175 ms	1ms/step	SV-610 SV-620
127	Forward stitches to decelerate speed in SBT 前自動倒縫結束提前減速針數	0 ~ 2		SV-610 SV-620
128	Speed boosting 速度提升	0 ~ 50 %	1 % / step	All

129	Torque boosting when motor lock 馬達鎖死扭力提升	0 ~ 30	1 / step	All
130	Up position adjustment 上停點位置調整	0 ~ 250 °	1 ° / step	All
131	Stitch number for one-shot function ONE-SHOT 針數	0 ~ 250		All
132	The delay time for DST function DST 延遲時間	0 ~ 300 ms	10 ms / step	SV-610 SV-620
133	The acting time for DST function DST 動作時間	0 ~ 2500 ms	10 ms / step	SV-610 SV-620
134	Stop position when material edge sensor active 布端檢出器動作時,馬達停止位置	OFF : Depend on simple control panel setting 由簡易面板上下停決定 UP : Up position 上停點 DOWN : Down position 下停點		SV-620
135	UTL delaying time UTL 延遲輸出時間	0 ~ 200 ms	10 ms / step	SV-610 SV-620
136	UTL acting time UTL 動作輸出時間	0 ~ 2000 ms	10 ms / step	SV-610 SV-620
137	Delay time between UTL and condensing stitch UTL 動作輸出後到執行密縫前延遲時間	0 ~ 200 ms	10 ms / step	SV-610 SV-620
138	Option OUT_C delay acting stitches (only effective in PT2 machine) 布端檢出器開始動作 Option OUT_C 延遲動作針數(只在 PT2 機型有效)	0 ~ 99 stitches 0 ~ 99 針		SV-620
139	Option OUT_C acting stitches (only effective in PT2 machine) 布端檢出器動作 Option OUT_C 持續動作針數(只在 PT2 機型有效)	0 ~ 99 stitches		SV-620
140	Motor protecting function 馬達運轉時間保護功能	OFF : ineffective 無功能 ON : effective 有此功能		All
141	Cumulate times for motor protecting function 馬達發生保護功能時間	100 ~ 5000 hours	50 hours / step	All
142	Forward stitches to decelerate speed in EBT 後自動倒縫結束提前減速針數	0 ~ 2		SV-610 SV-620
143	Stitches counter for ATC machine ASC 機型針數計數	0 ~ 1000	4 stitches / step	SV-620
144	In auto test mode, motor running level adjustment 自動測試模式下,馬達運轉速度準位調整	60 ~ 250	10 / step	All
145	In auto test mode, motor stop mode selection 自動測試模式下,馬達停止模式選擇	TRIM : trimming active FLON : foot lifter active STOP : motor stop		All
146	Motor stop at the end of start back-tacking 前倒縫結束後強制停止功能	OFF : ineffective 無功能 ON : effective 有此功能		SV-610 SV-620
147	Inching switch (on display panel)operation mode 操作面板上補針按鍵功能	NDUP : Needle up switch 提針到上停 HALF : Half stitch inching 半針補針 ONE : One stitch inching 一針補針		All
148	Quick needle positioning check level 快速定位停檢查準位	500 ~ 1000	50 / step	All

<b>149</b>	Soft start mode 慢速啓動模式	0 : First stitching after trimming 在切完線後第一次車縫 1 : After the start back-tacking 切完線後第一次平縫		All
<b>150</b>	Motor automatic stop function 馬達自動停止功能	OFF : ineffective 無功能 ON : effective 有此功能	The cumulate time is clear after power turn off 電源關機後累積時間 就被清除	All
<b>151</b>	Times for automatic stop the motor 馬達執行自動停止時間	0 ~ 100 hours	1 hour / step	All