Thermal Head Updates

October 28,2024 CTK Corporation

TPH933 to be replaced by TPH800

Production of the TPH933 has been discontinued and replaced by the TPH800. We have received CE certification for the TPH800 installed on the SP8600 on October 18, 2024.

While we will continue to supply the TPH933 while stock lasts, SP2300/6300/6600/8600 users can now order the TPH800 instead. The TPH800 is slightly more powerful than the TPH933, so you may need to adjust the density. This can be done by decreasing the "DENSITY" parameter on the "Table" setting. (Detailed instruction attached)

TPH100

As previously announced, production of the TPH100 has been discontinued. We expect the remaining stock to last another 6 to 9 months, depending on sales volume. For users of the SP2000 or earlier models (SP-1, SP-1W, SP2000), we encourage you to consider replacing your printer, and we are happy to offer a discount.

For more details, please contact us or your local distributor.

Thermal Head Used for Past and Current SP Printers

Model	Thermal Head		
SP-1, SP-1W, SP2000	TPH100*		
SP2300, SP6300, SP6600, SP8600	TPH933*→TPH800		

* Discontinued thermal heads

Attachment:

How to Adjust of Marking Density

A) When operating the SP printer under "stand-alone" mode (with keyboard)

You can adjust the marking density by changing the "DENSITY" parameter.

- 1. From the Main Menu screen on the device's LCD display, press [T] on the keyboard to navigate to the Table Editing screen.
- Use the [←][→][↑][↓] keys to move the cursor to the table currently in use, which is marked with an asterisk (*).
- 3. Press $[\leftarrow][\rightarrow]$ to move the cursor to the "DENSITY" field.
- 4. Check the current value set in the "DENSITY" field.
- 5. Check the current condition of printed characters.
 - If the printed characters are too dark, set a lower value in the "DENSITY" field.
 - If the printed characters are too light, set a higher value in the "DENSITY" field.
 - Enter the new value and press "ENTER" to confirm the change.
- 6. Repeat this process until the desired density is achieved.

B) When operating the SP printer with the PC software "CTKPCMS" (with a PC)

You can adjust the marking density by using the "CTKPCMS" software and changing the "DENSITY" parameter.

1) Run the "CTKPCMS" software.

2) From the pulldown menu, select:

"Transmit(T)" > "Reception(R)" > "Receive Table data"

To receive the Table data from the SP printer.

File(F)	Edit(E)	View(V)	Marking(M)	Transmit(T)	Options(O)	Window(W)	Н	lelp(H)
Easy menu 🗋 💕 📕		Transfer(T)			fer to the selected bank			
				Recept	ion(R)		>	Receive Table data(T)
			Version	Version of machine firmware			Receive data(D)	

3) The window will appear, which indicates the Table data received from the SP printer.

🔯 Recei	ive Table data(2)				
	SP8600)			
C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13	SP8600 COMMENT WORK MODE CHARACTER SIZE DIRECTION HOR. PITCH VER. PITCH CUTTER POSITION	TUBE • 1.8x0.9(VER) • PARALLEL • 3.0 1 73.5	NUMBERING(10/16) FRONT SPACE REAR SPACE DENSITY ROOP MODE LABEL POSITION TUBE CUT ADJ.	DECIMAL	LENGTH HOR. PITCH
O 14 O 15	FEED ADJ.	112.3 Calculate	CUT TYPE	NO CUT -	
C 16	Y ADJ.	300 Replace all	NUMBER OF SETS	2 SETS 🔻	
C 17 C 18 C 19	Y MAX	80		_	
· 20	LENGTH	20.0			TROM STAGE REAR STAGE

4) Check the current value set in the "DENSITY" field.

5) Check the current condition of printed characters.

- If the printed characters are too dark, set a lower value in the "DENSITY" field.
- If the printed characters are too light, set a higher value in the "DENSITY" field.
- From the "File" pulldown menu, click "Save" to confirm the change.

6) From the pulldown menu, select:

"Transmit(T)" > "Transfer(T)"

CTKPCMS SP8600			
File(F) Edit(E) View(V) Marking(M) Transmit(T)	Options(O) Window(W) Help(H)		
Easy menu 🗋 😂 🔛 🐰 Transfer((T) fer to the selected	bank	
Receptio	on(R) >		
Version o	of machine firmware		
6			
Receive Tat	ble data(2)		
	SP8600		
	OMMENT	NUMBERING(10/16) DECIMAL -	
		FRONT SPACE 1.0	
C 5 C 6 CH/	ARACTER SIZE 1.8x0.9(VER)	REAR SPACE 1.0	
C 7 DIR	RECTION PARALLEL •	DENSITY 100	LENGTH
C 9 HO	DR. PITCH 3.0	ROOP MODE PER AREA -	
C 11 VEF	R. PITCH 1	LABEL POSITION 50.0	HOR. PITCH
C 12 C 13 CU	TTER POSITION 73.5	TUBE CUT ADJ. 100.0	т стран
C 14 C 15	ED ADJ. 112.3 Calculate	CUT TYPE NO CUT -	
C 16 YA	ADJ. 300 Replace all	NUMBER OF SETS 2 SETS -	
C 18 Y M	MAX 80		
C 19 @ 20 LEN	NGTH 20.0		FRONT SPACE REAR SPACE

Recei	ive Table data(2)	
	SP8600	
C 1 C 2 C 3		NUMBERING(10/16) DECIMAL TUBE Confirmation window - transmission
C 4 C 5 C 6	CHARACTER SIZE	1.8x0.9 Receive Table data(2)
C 7 C 8	DIRECTION	PARALI Transfer file to Hotmarker LENGTH
0.9	HOR. PITCH	3.0
C 10 C 11	VER. PITCH	1 OK Cancel HOR. PITCH
C 12 C 13	CUTTER POSITION	73.5 TUBE CUT ADJ. 100.0
C 14 C 15	FEED ADJ.	
C 16	Y ADJ.	300 Replace all NUMBER OF SETS 2 SETS ▼ S
C 18	Y MAX	80
© 19 © 20	LENGTH	20.0 FRONT SPACE REAR SPACE

The Confirmation window will appear.

Click [OK] to transfer the revised Table data.

7) Repeat this process until the desired density is achieved.