

LOADING MEDIA AND TESTING THE REGISTRATION MARK SENSOR

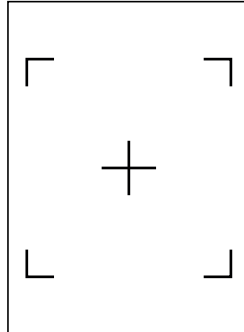
1 Watch Video from: <http://www.graph tecamerica.com/FAQs/load-media-FC8000.html>

2 If you still need help—print the MARK TYPE 2 registration marks included in your CD or download from: <http://www.graph tecamerica.com/support/pdfs/ARMStest.zip>

Print the registration marks on standard 8.5"x11" paper.

- 1 Print the "Test Pattern 2" to test MARK TYPE 2
- 1 Standard registration mark is inside the "ARMS Test Files" folder of the accessory CD.

Registration Mark	File Format	File Name
MARK TYPE 2	pdf	ARMStest_type2.pdf
	eps	ARMStest_type2.eps



MARK TYPE 2

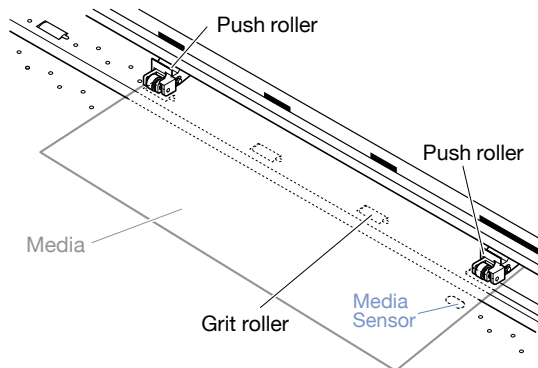
3 Load the printed media onto the plotter.

Position the media and the push rollers to correspond with the width of the media.

Position the two right-hand push rollers when the plotter is viewed from the front so that they are at the edges of the media.

Make sure that the push rollers are both positioned over the grit rollers. Move any push rollers that are not used to the **standby position**.

The media must always be positioned over the media sensor.

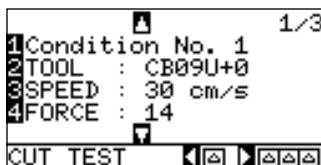


SET THE TOOL TO PEN

Since the plain paper has no backing, you will need to **change the tool to pen**. You can use the fibertip pen that was included with your cutter.

4 Press the [CONDITION] key in the default screen.

► CONDITION setting screen (1/3) is displayed.

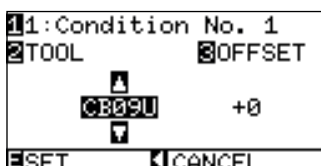


Supplement

It will return to CONDITION screen without changing the settings when you press the POSITION (◀) key (CANCEL).

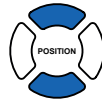
5 Press the [2] key (TOOL).

► TOOL setting screen is displayed.



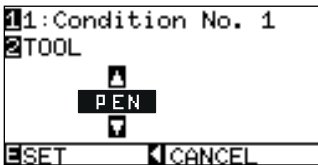
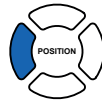
Next page

6 Press the POSITION (▲▼) key and scroll to PEN



7 Confirm the setting and press the ENTER key

► CONDITION No. will get set and return to TOOL setting screen.



TEST ARMS SENSOR

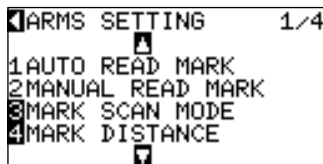
8 Press the [MENU] key.

► MENU screen is displayed.



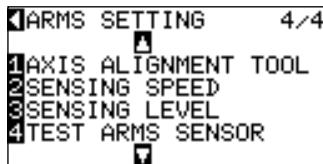
9 Press the [2] key (ARMS).

► ARMS setting screen (1/4) is displayed.



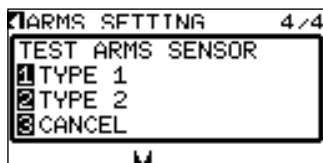
10 Press the POSITION (▲) key.

► ARMS setting screen (4/4) is displayed.



11 Press the [4] key (TEST ARMS SENSOR).

► TEST ARMS SENSOR screen is displayed.



Supplement

It will return to TOOL setting screen (3/3) without changing the settings when you press the [3] key (CANCEL).

12 Press [2] key (TYPE 2) for registration mark Type 2

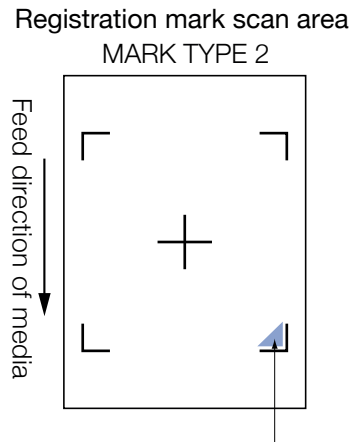
▶ Following message is displayed.



Supplement

It will return to TOOL setting screen (3/3) without changing the settings when you press the [4] key (CANCEL).

13 Move the tool to the position to start scanning of the registration mark by pressing the **POSITION (▲▼◀▶)** key.



By using the cutter's keypad, move the tool inside this area

14 Confirm the position of the tool and press the **[ENTER]** key.

▶ The plotter will automatically detect the registration marks and overwrite the peak of each of the registration marks.

Supplement

Following error is displayed when the registration mark was not scanned properly. Press the [1] key (SCAN AGAIN) to scan again, or the [2] key (CANCEL) to exit.

15 Confirm the result.

▶ See "Adjusting for the Registration Mark Scan Position" P.5-24 (in the user manual CD of your FC8000) and adjust—if the pen draws the lines shifted off of the registration marks.

16 If this test pattern on plain paper does NOT work—
contact your local dealer or Graphtec technical support:
1-888-318-3247 or tech.support@graphtecamerica.com

Other actions to try if the FC8000 is not reading the registration marks on your media:

If this test works on plain paper, print the MARK TYPE 2 file on your media and repeat the steps.

If the registration marks from the MARK TYPE 2 file are not sensed on your media, please check the following:

- Is the media tracking straight?
If not, then reload the media and verify the material is tracking straight.
- Is the cutter set to the same command language as your software is sending to the cutter?
If not, change to GPGL or HPGL to match the software.
- If you are using Cutting Master with CorelDraw or Illustrator, the language should be GPGL.
- Does the cutter have the latest firmware?
If not, download from www.graphtecamerica.com/support
Find your appropriate cutting plotter to download.
Follow the instructions in the firmware download file.
- Is the USB cable connecting the FC8000 longer than 15 ft.?
If so, use a USB cable that is less than 15 ft.
- Are you using glossy material and/or an overlaminant?
If so, then follow the directions in the FAQ entitled “Manually Adjusting the FC8000 ARMS Sensor Level for Glossy Media and Glossy Laminated Prints” at this link:
<http://www.graphtecamerica.com/support/pdfs/FC8000-Manual-ARMS-Adjust.pdf>

For additional assistance contact your local dealer or Graphtec technical support:

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