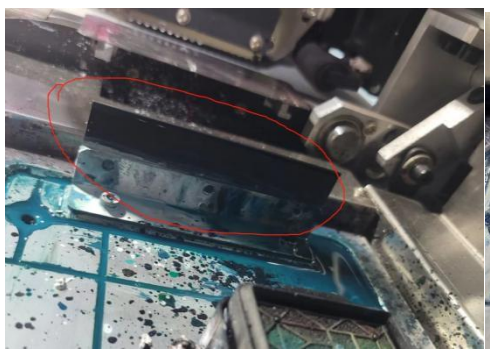
XINFLYING

# DTF Maintenance User Manual

1. Doctor blade（wiper), Ink Capping, Ink capping station, PaperPress clip, printing platform and Carriage bottom should be cleaned with dust-free cloth every day before leaving work;

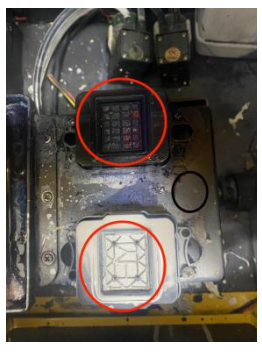
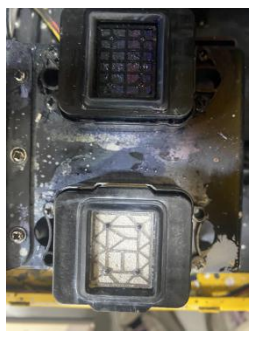
刮片

Doctor blade/Wiper



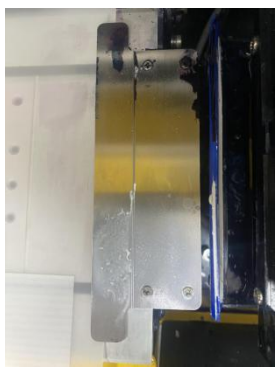
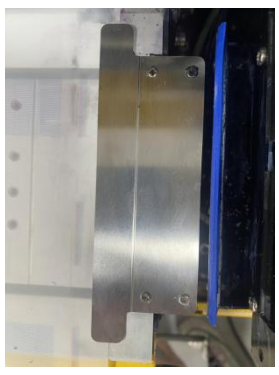

Before cleaning After cleaning

Ink capping (red circle) and ink capping station (black circle)

Before cleaning After cleaning

压纸片 Press clip

Before cleaning After cleaning

Carriage bottom




Before cleaning After cleaning

**PS:** Need to turn off the machine firstly before cleaning the bottom of the trolley and the surface of the print heads, then turn the knob (Red circle in Figure 1) counterclockwise to lower the height of the platform, finally manually push the trolley to the position in the Fig. 2.

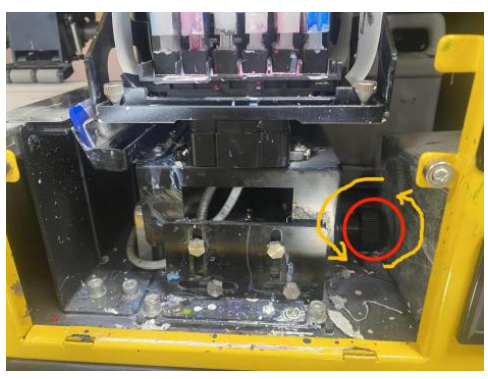
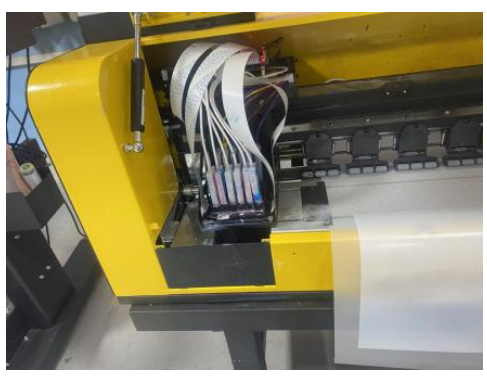



Figure 1 Figure 2

2. Clean print heads' surface once every 3 days. Wipe it with a dust-free cloth dipped with blue cleaning solution from top to bottom.

Print head surface





Before cleaning After cleanin



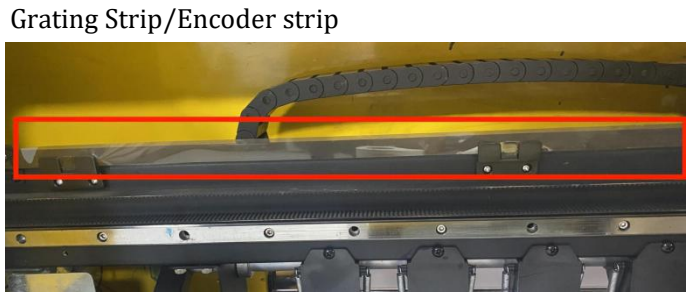
Blue cleaning solution



dust-free cloth

3. The Grating strip should be wiped with a dust-free cloth with a little alcohol once every three weeks, and the guide rail needs to be added with sewing-machine oil once a month;

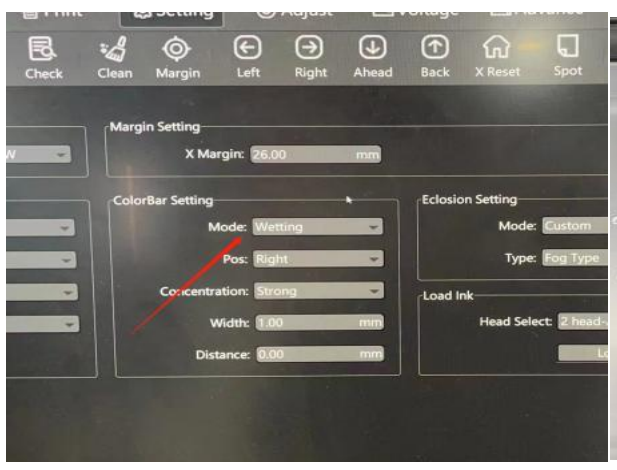
Grating Strip/Encoder strip

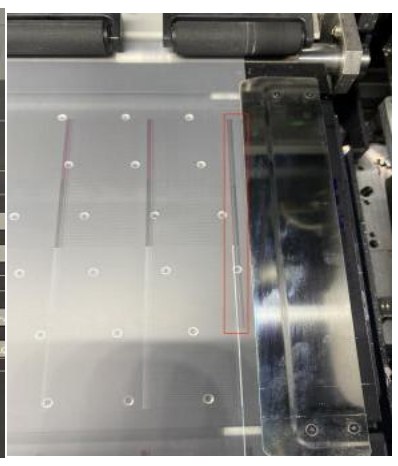


Guide rail



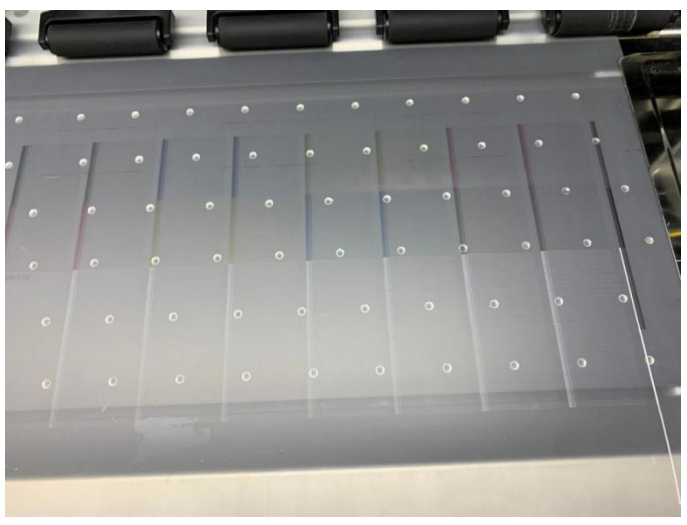
4. During printing, always presents color bar on the far right of film to prevent print head from being clogged.



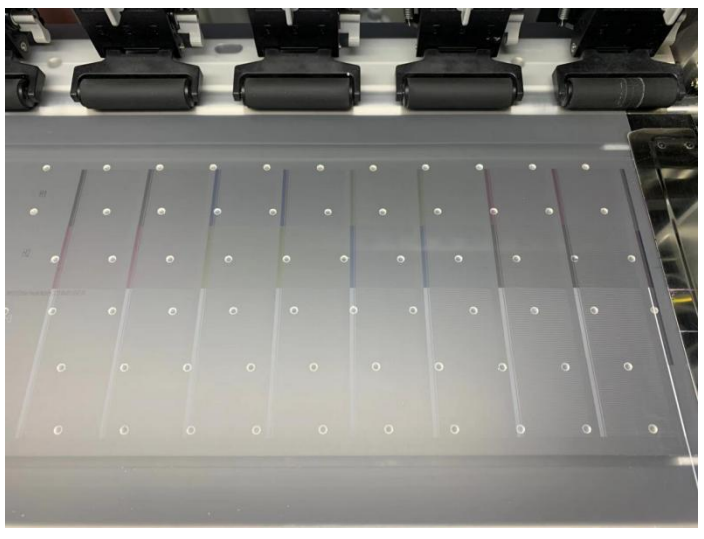



5. Before printing, make a nozzle test to confirm that the ink is performing well. (If the ink performance is not good, the print head should be cleaned well, and then print again[Once printing, you need to make a nozzle test firstly as mentioned above]);

IF DON'T KNOW HOW TO CLEAN, please contact us.



Test Strip with problem ( ink not come out 100%, and all color not show in single line )



Normal Test Strip ( all ink come out 100% and all color show in single line )

6. During printing ,if there is ink cut off (The pattern with lines) ,then you should stop printing and do some cleaning for printer heads ;



Red -ink cut off



White-ink cut off

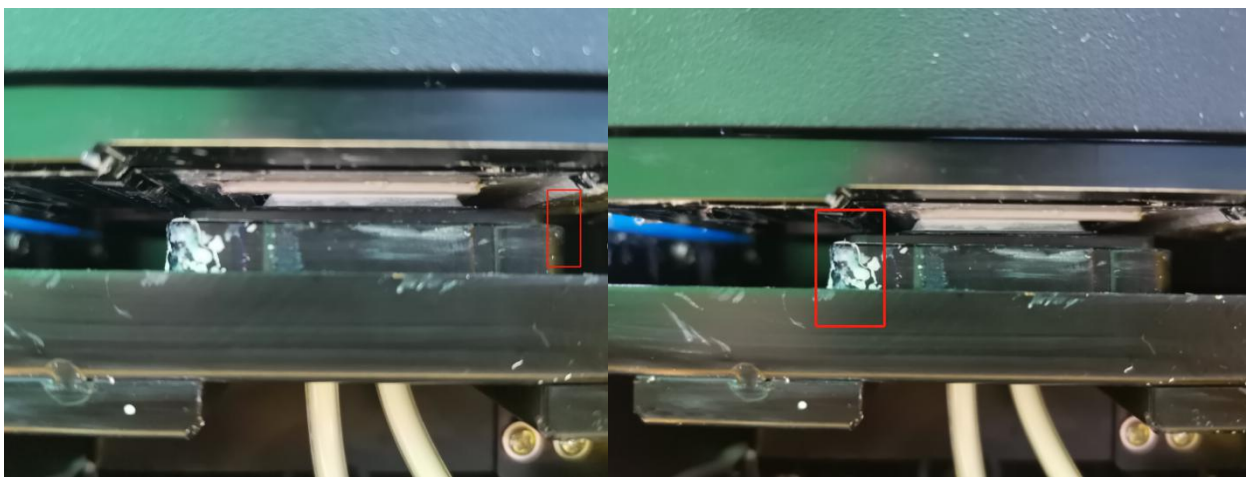



Cleaning Button

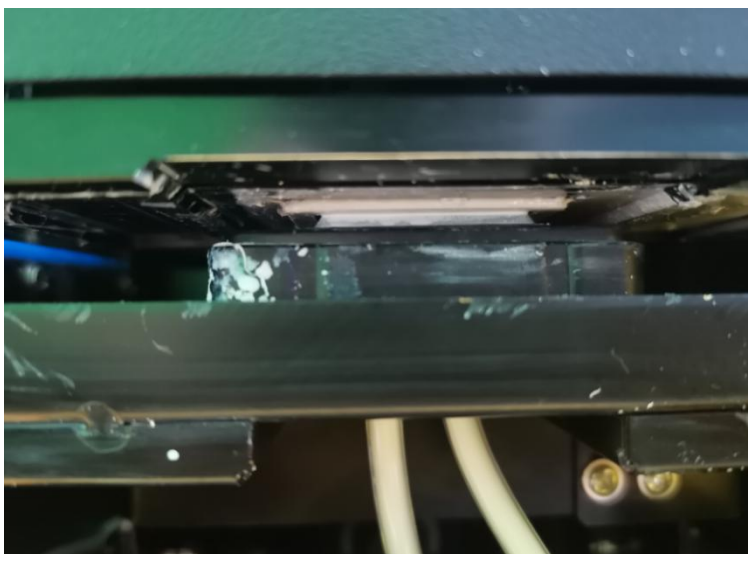
7. Please print nozzle test before you shut down the machine everyday (Accorading to NO.5, the maintenance about the nozzle test). If the ink performance is bad, you should clean the print head well before the shuting down the machine .

8. Once NO NEED to run the printer for more than 2 days ,we advice that you should soak the print head with pure water (see the video of how to soak the print head,if you do not have, just contact us to send to you);

9. Before shutting down, you need to reset carriage well. And it is necessary to observe whether the print head is reset to normal and whether the print head is in the best position (the print head is in the middle of the ink stack cap)



Not in a good position



Best position

10. Regularly launches white ink cycle/circulation for every two or three days, please turn on the White Ink Circulation system, make it working for 15 minutes then turn off. Next waiting 10 minutes, then click “load ink” for 15 seconds do weak cleaning both by software, and finally print a nozzle test to check the print head status;



White ink cycle switch

11. The printing environment request 20-30℃ and 40-60% humidity.




**NOTE:**

1. DO NOT touch the PET film during printing to avoid the nozzle from being scratched by film.

2. Before adding ink, shake the ink bottle vigorously to prevent sedimentation；

3. The printing film and hot melt powder should be kept dry and be away from moisture. If the hot melt powder is not used for more than 3 days, it shall be sealed with a sealing bag. If the printing film is not used for more than 3 days, it shall be wrapped with a fresh-keeping film;

4. Keep your eyes on the film before it comes out from the shaker, just in case that it's distorted and gets stuck in the shaker；

