

Daily Maintenance Sheet for XPJ-1462UF

MUTOH

Daily maintenance

The content of this document are based on the specification of the firmware Ver.1.00 or later.

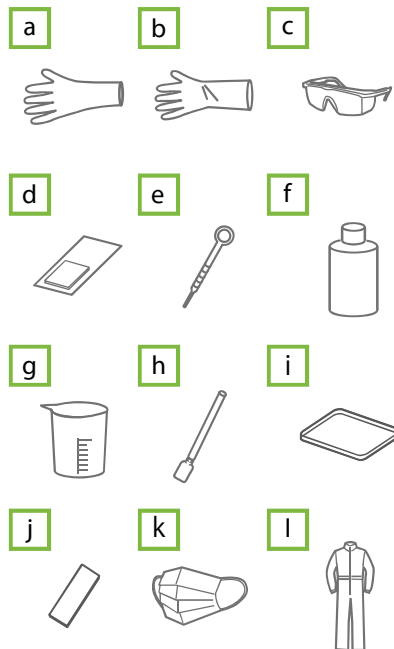
When to perform maintenance:

- At the end of the work for a day (make sure to perform daily maintenance from the sleep mode menu)
- When the media hits the print head (perform daily maintenance from the daily maintenance menu)

Required Items:

- (a) Polyethylene gloves (Supplied accessories or Commercial item)
- (b) Rubber gloves (Supplied accessories or Commercial item)
- (c) Protective goggles (Supplied accessories)
- (d) Paper towel (Supplied accessories) or Polyester knit wiper (Optional accessories)
- (e) Dropper (Supplied accessories)
- (f) Designated maintenance cleaner (Optional accessories)
- (g) Plastic cup (Supplied accessories)
- (h) Cleaning stick (Supplied accessories or Optional accessories)
- (i) Tray (Supplied accessories)
- (j) Scraper (Supplied accessories)
- (k) Protective mask (Commercial item)
- (l) Protective clothing (Commercial item)

- ※Use a paper towel supplied with the printer or optional Polyester knit wiper. DO NOT use a tissue. Lints or flakes on tissue may cause damage to the print head.
- ※DO NOT use non-designated maintenance cleaner.



Preparation:

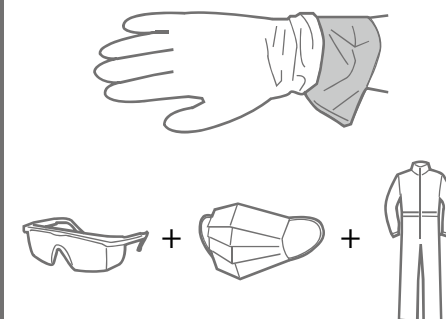
- Wear the rubber gloves over the polyethylene gloves.
- Wear protective equipment such as goggles, protective mask and clothing.

CAUTION

- ⚠ Skin or eye contact with UV curable or waste fluid may cause skin inflammation or allergic reaction. When using this product, wear personal protective equipment (supplied gloves or solvent resistant gloves, goggles or protective eyewear, protective mask, protective clothing) to avoid skin contact with ink.

Important!

Before performing maintenance, make sure to read "How to handle UV inkjet printer / its supplies" (supplied with the printer).



- Tap on the printer control panel.
- Use to choose "Menu 6 : Sleep Mode".
- Tap .
- When [Sleep Mode1 Start] appears, tap .
- When [Sleep Mode Start → Enter] appears, tap .
- When [Daily Maintenance Start → Enter] appears, tap .
- When [Unload Media then Tap Enter] appears, remove the media and the jig on the table, and then tap .
- When [Daily Maintenance End → Enter] appears, you can start the maintenance with following steps.

※Make sure to complete this maintenance within 5 minutes while the printer is in Daily maintenance state.

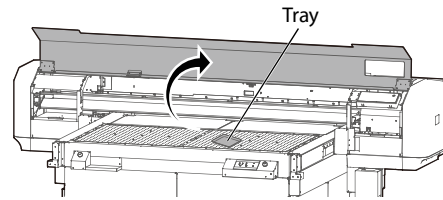
Be sure to follow the maintenance sequence.

1. Cleaning of UV-LED lamp
2. Moistening the surface of print head nozzles
3. Cleaning of print head circumference
4. Cleaning of cleaning wiper and the parts around the capping unit
5. Ending daily maintenance

1. Cleaning of UV-LED lamp

1

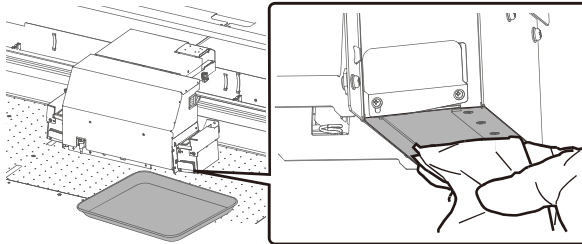
- Open the front cover.
- Place the tray directly under the print head to protect the table.



2

Look at the bottom of the UV-LED lamp and wipe off any dust or ink with a paper towel.

※After printing, the UV-LED lamp may get hot. Allow it to cool down for 10 minutes and then start maintenance.



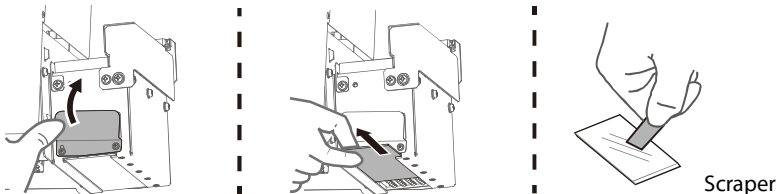
3

If the ink cannot be removed completely, remove the emitting window glass from the lamp and use the supplied scraper to clean it off.

- Slide up the left side of the exhaust fan cover. The right side screw serves as a fulcrum.
- Slide the glass attached on the bottom of the lamp towards the front to remove it.
- Press the scraper on the ink deposits with a slight angle and scrape it off.
- Use the paper towel to clean the ink scraped from the glass.
- Put the glass back on the lamp.
- Firmly slide it into the end and then put the exhaust fan cover back in place.

Important!

- Make sure to use the scraper supplied with the printer.
- Do not press the edge of the scraper too hard. This will cause damage to the glass.
- Make sure that the emitting window glass is attached to the lamp and the exhaust fan cover is put back in place.
- Using your printer without them will cause damage to the lamp.



4

Next moisten the surface of print head nozzles.

2. Moistening the surface of print head nozzles

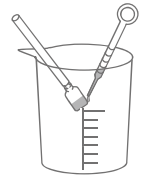
Important!

During cleaning, please note the followings:

- Ensure to follow the instructions to perform cleaning.
When moistening the surface of nozzles, do not use the cleaning stick already used to clean the print head circumference, cleaning wiper or capping unit circumference.
This could cause damage to the print head.
- Always use a new cleaning stick and dampen it with designated maintenance cleaner.
- Do not use non-designated maintenance cleaner. It may cause nozzle clogging.
- Do not touch the tip of cleaning stick with fingers. If sebum gets on the stick, it will damage the print head.
- Do not reuse the used cleaning stick. Dust on the stick could cause damage to the print head.

1

- Put a new cleaning stick in a plastic cup.
- Use the dropper to drop the designated maintenance cleaner on the tip of the cleaning stick. (Use about 0.5 ml)

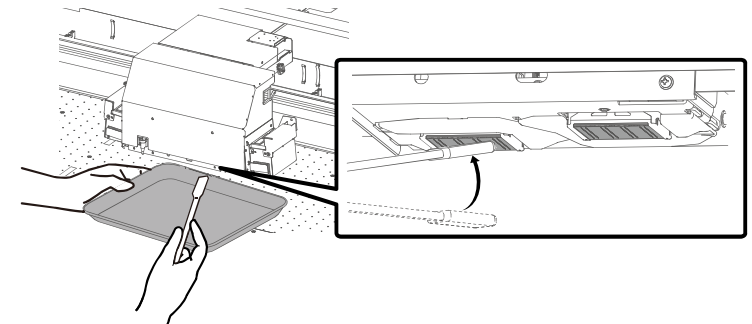


2

Look at the bottom side of the carriage.
Using the cleaning stick dampened with the maintenance cleaner, moisten the surface of the print head nozzles.

- Lightly touch with the cleaning stick to moisten the nozzle surface.
- Repeat it a couple of times to moisten the entire nozzle surface.

※Never rub against the nozzle surface. This could cause damage to the print head.
※When the entire nozzle surface has been moistened, you can stop it.




3

Next clean the parts around the print head.

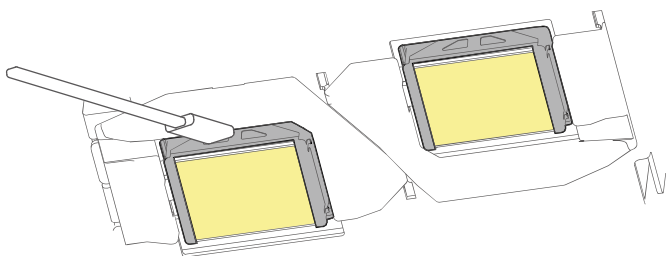
3. Cleaning of the parts around the print head

- 1** Look at the bottom of the carriage and use the cleaning stick to clean the ink or dust on the following parts:

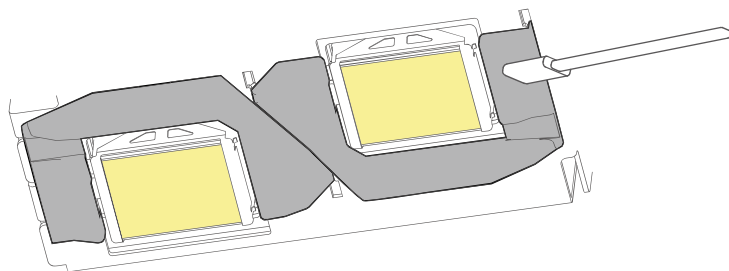
 Cleaning required

 **DO NOT touch the nozzle surface (the yellow portions in the illustration below)**

Around the nozzle surface (silver metal part)



Print head guide part (black plastic part)



※If maintenance cleaner is splashed onto the printer, use a paper towel to

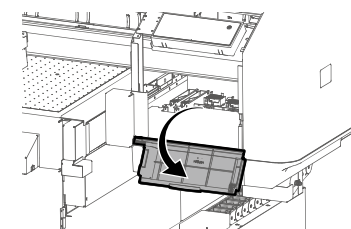
- 2** Next clean the cleaning wiper and the parts around the capping unit.

※Before proceeding to the next step, if the cleaning stick gets dirty while cleaning, submerge the foam tip of the stick into the maintenance cleaner in the cup to clean it.

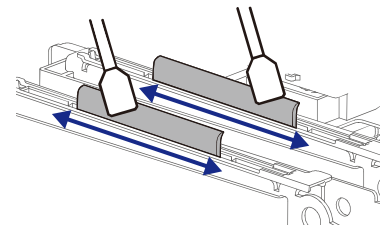
※If the dirt does not get off, replace with a new cleaning stick and then proceed to the next step.

4. Cleaning of the cleaning wiper and the parts around the capping unit

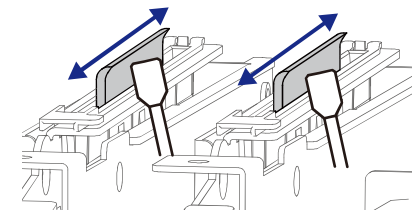
- 1** Open the maintenance cover gently.




- 2** Use the cleaning stick to clean the left side surface of the cleaning wiper (a black rubber part).




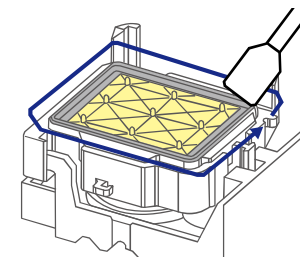
- 3** Clean the right side surface of the cleaning wiper.



- 4** Use the cleaning stick to clean the parts around the capping unit to remove ink and dust.

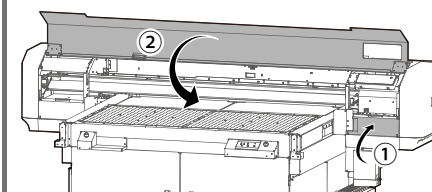
 Cleaning required

 **DO NOT touch the absorber (the yellow portions in the illustration right)**




- 5** Gently close the maintenance cover, then the front cover.

Next end the daily maintenance.



5. Ending daily maintenance

1

Tap  on the control panel.

- The printer automatically performs a "Short" cleaning.
- Once the cleaning is complete, the printer automatically enters to sleep mode.

※If you accessed from the maintenance menu, the display returns to the menu selection.

Daily Maintenance
End → Enter



2

1. Dispose of the used cleaning stick.
2. Use a paper towel to wipe the maintenance cleaner off the dropper.
3. Dispose of the maintenance cleaner in the plastic cup and dry the cup well using the paper towel.
4. Use a paper towel to clean the tray.
5. End the daily maintenance.

Important!

- Do not reuse a cleaning stick.
Dust on the stick could cause damage to the print head.
- Check that the lid of the maintenance cleaner is shut properly and store it.



Note

Used cleaning stick and the maintenance cleaner left in the plastic cup are industrial waste. Dispose of them in accordance with the local regulations.

Maintenance before leaving printer in sleep mode for a long time



<Preparations>

- ▶ **Make sure that there is enough ink in ink bags.**
 Operation manual "Checking ink level and replacing ink cartridge"
- ▶ **Empty the waste ink tank.**
 Operation manual "Emptying waste ink tank"
- ▶ **Perform "Daily maintenance" (refer to [this sheet](#))".**

If you are going to put the printer in sleep mode for more than 7 days, perform followings once a week:

- ▶ **Check the ink level.**
If "Ink Low" is displayed, replace with a new ink bag.
- ▶ **Agitate the ink in the ink bag.**

Note

For purchasing the maintenance items, contact your local Mutoh dealer or nearest Mutoh sales office.

Name	Part Number	Minimum q'ty per order
Maintenance cleaner	VJ-ULVA1-ML500	1
Polyester knit wiper	POLYNITW2	300
Cleaning stick	RH2 Clean stick	100
Dropper	DROPPER 6PACK SET	6