

Care and Maintenance

INKJET PRINTER
UJ330H-160

Requests for Care and Maintenance

You can also download the latest manual from official website.

MIMAKI ENGINEERING CO., LTD.

<https://mimaki.com/>

D203898-10
Original instructions

TABLE OF CONTENTS

Introduction	3
To Ensure Safe Use	4
Symbols	4
Prohibited Dangerous Actions	5
Usage Restrictions.....	7
Connecting the Power	9
Notes on Handling Ink or any Other Liquid Used with the Machine	10
Installation Precautions.....	12
Installation Space	13

Maintenance

1. Maintenance Precautions	15
2. Maintenance Methods	16
Maintenance Items and Timing.....	16
Ink Maintenance	17
Cap Rubber Cleaning	18
Carriage Underside Cleaning	18
Cloth Wiper Area Cleaning	20
NCU Cleaning.....	21
DAS (Automatic Correction Function) Sensor Cleaning	22
Ink Discharge Channel Cleaning	23
Media Sensor Cleaning	23
Jam Sensor Detecting Plate Cleaning	24
Media Feeding Belt Cleaning.....	25
Checking State of Media Feeding Belt Edges	25
Cover (Exterior) Cleaning	26
Cleaning the Mist Filter	28
When this Printer is Left Unused for a Long Time	30
3. Replacement of Consumable Item	32
Consumable Item Replacement Timing.....	32
Cloth Wiper Replacement.....	33
Cap Replacement.....	37
Replacing the Absorber Around the Station	39
Waste Ink Tank Replacement.....	41
Mist Filter Replacement	44
UV-LED Glass Replacement	45
Ink Bottle Cap Replacement	46

Introduction

Thank you for purchasing the Inkjet printer UJ330H-160.

Read the Request for Care and Maintenance ("this document" hereinafter) thoroughly and make sure you understand its contents to ensure safe and correct use of the product.

Please note that the illustrations contained in this manual are intended to show functions, procedures, or operations and may sometimes differ slightly from the actual machine.

Unauthorized reproduction of any portion of this document is strictly prohibited.

© 2026 MIMAKI ENGINEERING Co., Ltd.










● DISCLAIMERS

- MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE ARISING DIRECTLY OR INDIRECTLY FROM THE USE OF THE UJ330H-160 ("THIS MACHINE" HEREINAFTER), WHETHER OR NOT THE PRODUCT IS FAULTY.
- MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, TO MATERIALS CREATED WHILE USING THIS MACHINE.
- USING THIS MACHINE IN CONJUNCTION WITH DEVICES OTHER THAN THOSE RECOMMENDED BY MIMAKI ENGINEERING MAY RESULT IN FIRE OR ACCIDENTS. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- USE ONLY GENUINE MIMAKI ENGINEERING INK AND MAINTENANCE LIQUID. USE OF OTHER PRODUCTS MAY RESULT IN FAILURES OR REDUCE PRINT QUALITY. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- DO NOT ATTEMPT TO REFILL THE INK BOTTLES WITH UNAUTHORIZED INK. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- AVOID USING UV-LED UNITS OR UV POWER SUPPLY UNITS OTHER THAN THOSE SPECIFIED BY MIMAKI ENGINEERING. USING DEVICES OTHER THAN GENUINE MIMAKI ENGINEERING DEVICES MAY RESULT IN FAILURE, ELECTRIC SHOCK, OR FIRE. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.

To Ensure Safe Use

Symbols

In this manual, symbols indicate and explain precautions. Make sure you fully understand the meaning of each symbol and use the machine safely and correctly.

Explanation		
 WARNING	Warning	Indicates a potential hazard that may result in death or serious injury if handled improperly or if instructions are disregarded.
 CAUTION	Caution	Indicates a potential hazard that may result in minor or moderate injury if handled improperly or if instructions are disregarded.
 NOTICE	Notice	Indicates a potential hazard that may result in property damage if handled improperly or if instructions are disregarded.
	Warning sign	Indicates something that requires attention. Warning specifics are drawn inside the symbol.
	Mandatory action sign	Indicates an action that must be carried out. The specifics of the mandatory action are drawn inside the symbol.
	Prohibition sign	Indicates a prohibited action. The specifics of the prohibited action are drawn inside the symbol.
 Important!	Important	Indicates important information related to use of this machine.
	Tip	Indicates useful reference information.
	Reference information	Indicates the corresponding page for related information.

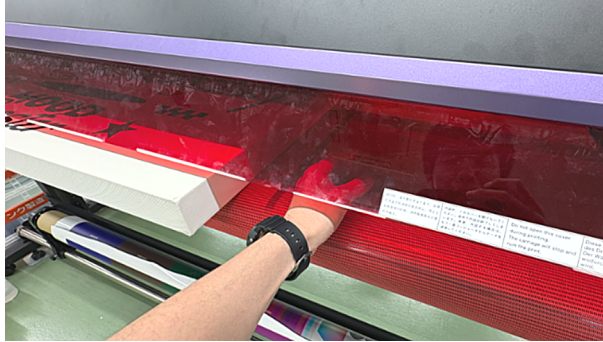
Prohibited Dangerous Actions

The following actions are dangerous and must never be performed when the power is on.

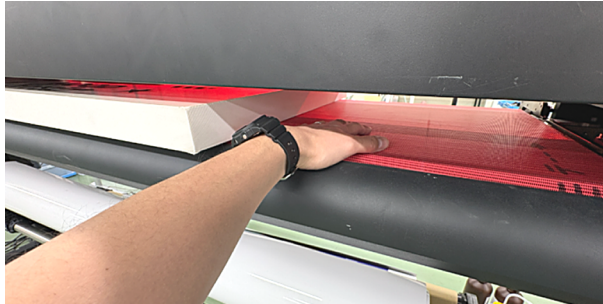
- **Do not insert your hands into the printer when the carriage is operating, such as during printing.**



- Do not insert your hands or other parts of the body into the printer from under the front cover.



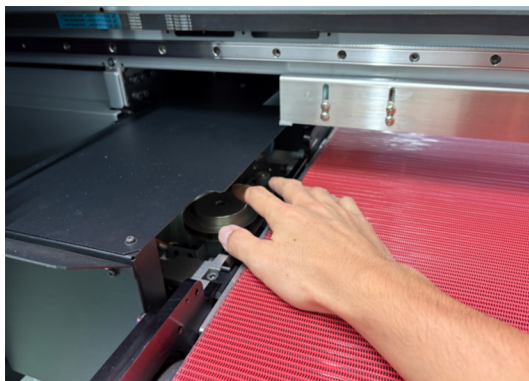
- Do not insert your hands or other parts of the body into the printer from the rear. Note that a large gap will be left open particularly when thick media is loaded. There is a risk of serious injury if hit by the carriage or head.



- **Keep hands and other parts of the body away from moving parts.**



- Ignoring this may result in machine failure or injury.
- Also take sufficient care to prevent objects from falling.



- **Do not insert your hands or other parts of the body under the media feeding belt, or place objects under it.**



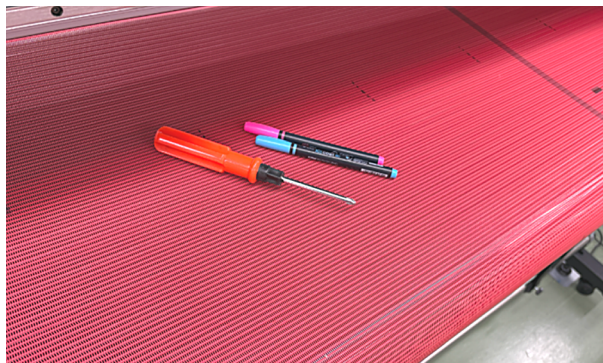
- There is a danger of becoming trapped between the main unit frames when the media feeding belt rises or lowers.



- **Do not leave objects on top of the media feeding belt.**



- There is a risk of collision with the head if the carriage moves unexpectedly.



- **Do not look directly at the UV-LED.**



- Do not look directly at the UV-LED. Take particular care when working while sitting in a chair, as your head will be at the same height as the carriage.

- **Do not obstruct the movement of the carriage.**



- Do not touch the carriage while it is in operation (such as printing or cleaning).

Usage Restrictions

Usage Restrictions

⚠ WARNING



- The machine is extremely dangerous, as the carriage moves at high speed from side to side, and it contains high-temperature parts, parts with hazardous voltages, and UV-LEDs. The machine must only be used by persons who are fully aware of these hazards.

Operator Restrictions

⚠ WARNING



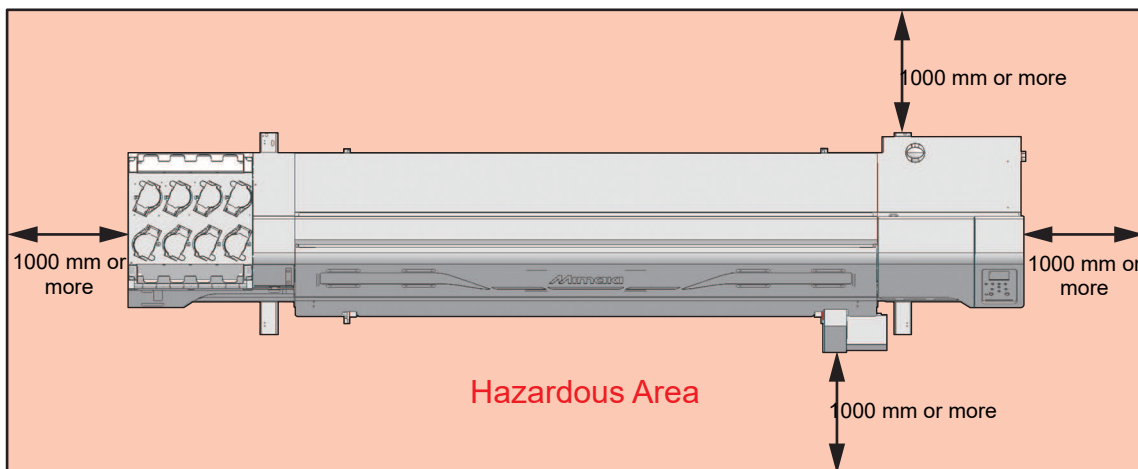
- The machine must only be operated by persons who have received Mimaki safety training or who have been trained by them.

Area Restrictions

⚠ WARNING



- Entry into the restricted area must be prohibited for anyone other than those who have received Mimaki risk assessment training or who have been trained by them. Trained personnel entering the restricted area must always wear UV safety glasses and protective gloves.



- Physically separate the machine, for example, by placing in a special room or in an area surrounded by a safety fence. It must be clear that this is a hazardous area.
 - (1) Any special room provided should incorporate a door that can be locked or has a safety interlock
 - (2) Any safety fences used must conform to the EN ISO 13857 standards.

● **Information on ultraviolet light (UV) and handling the UV-LED unit inside the restricted area**

 **WARNING**



- Do not place combustibles under the UV-LED unit, and do not cover it with paper or cloth. There is a risk of fire or burns.
- Small amounts of ultraviolet light may leak from the UV-LED unit. Wear UV safety glasses, face shields, masks, gloves, and long-sleeved clothing to protect the eyes and skin from ultraviolet light.
 - (1) Exposure to ultraviolet light may result in skin inflammation. Even if no inflammation occurs, extended or repeated exposure may lead to chronic problems.
 - Acute problems: Inflammation
 - Chronic problems: Skin cancer, wrinkles, blotches
 - (2) Looking directly at the lamp while the lamp is on may result in eye pain or damage to eyesight. Even if no eye pain occurs, extended or repeated exposure may lead to chronic problems.
 - Acute problems: Ultraviolet keratitis, conjunctivitis, discomfort, pain, watery eyes
 - Chronic problems: Pterygium, cataracts



- Be sure to wear the UV safety glasses provided. May cause eye pain and vision problems.



- Always wear gloves and long-sleeved clothing. There is a risk of skin inflammation or skin damage due to ultraviolet (UV) radiation.

 **CAUTION**



- The UV-LED unit becomes extremely hot. Be careful not to touch the LED after it has been turned off until it has sufficiently cooled.



- Do not expose the skin or eyes directly or indirectly to light from the UV-LED unit. The UV-LED unit emits ultraviolet (UV) light. Skin or eye exposure may result in inflammation.

NOTICE



- Avoid scratching or subjecting the UV-LED unit to excessive force. Disregarding this precaution may result in deformation or failure of the unit.
- Avoid touching the glass on the underside of the UV-LED unit with bare hands. Disregarding this precaution may impair UV ink curing. If the glass becomes dirty, wipe clean using a soft, clean cloth soaked with ethanol. Be careful to keep ethanol from splashing on the covers or other parts while cleaning. Disregarding this precaution may result in deformation or failure of the unit.

Connecting the Power



- Plug the power cable plug into a grounded power outlet. Otherwise there is a risk of failure, electric shock, or fire.
 - When installing electrical outlets, perform grounding work to prevent electric shock. All electrical work (Class C grounding work; formerly Type 3 grounding work) must be handled by a licensed electrician.
-



- Make sure the connections are correct. Incorrect connections may result in damage to the equipment.
 - Be careful to avoid problems in wiring configuration.
-

Notes on Handling Ink or any Other Liquid Used with the Machine

Precautions regarding ink, maintenance liquid, or other liquids used with this machine are included with the containers. Thoroughly read them and make sure you understand the contents.



- Be sure to read the safety data sheet (SDS) before use. <https://mimaki.com/supply/sds/>

CAUTION



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



- Do not subject cases containing ink to strong shock or violent shaking. Do not attempt to refill the ink. Leaking ink may adhere to the skin or get into your eyes or mouth.



- Do not disassemble cases containing ink. Leaking ink may adhere to the skin or get into your eyes or mouth.



- Do not store ink, maintenance liquid, or other liquids used with the machine in locations where children may enter.



- When disposing of ink, maintenance liquid or other liquid used with the product, or containers or non-woven fabric contaminated with ink or other liquid, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

NOTICE



- Do not store ink, maintenance liquid, or other liquids used with the machine in locations exposed to direct sunlight.
- Do not store ink, maintenance liquid, or other liquids used with the machine in environments where cutting fluid or other volatile substances (such as amines or modified amine alcohol) are present in significant quantities. Storage in such places increases the risk of failure or ejection failures (e.g., nozzle clogging or deflection).
- Do not use ink, maintenance liquid, or other liquids used with this machine with other printers. Doing so may cause failure.



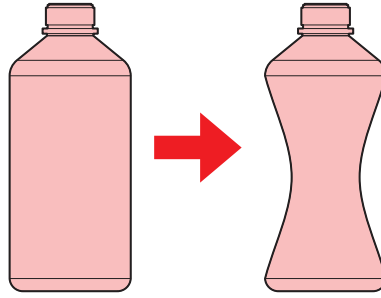
- Be sure to store them in a low place no higher than 1 m above the floor. Otherwise there is a risk of scattering if the containers fall.
- Store in tightly sealed containers.
- Store in a cool, dark place.
 - (1) Store ink in a place where ink does not freeze. Using defrosted ink may deteriorate ink constituents and reduce print quality.
 - (2) When ink is moved from a cold place to a warm place, leave it in the environment where the machine is installed for at least three hours before using it.
 - (3) Open the container just before installing it, and use it up as quickly as possible. If it is opened and left for an extended period of time, print quality may be reduced.



- Do not touch the metal parts of the ink IC chip. Static electricity may damage the ink IC chip, and dirt or damage may cause the ink IC chip read error.



- Printing is not possible when different types of ink IC chips are used.
- If the ink bottle mounted on the machine is dented, it may still be used.



Installation Precautions

⚠ WARNING



- Adhesive and releasing agents may contain flammable constituents such as thinner. This machine is not explosion proof. There is a risk of explosions.



- Do not install the machine in a place close to fire.
- Do not place flower vases, pots, cups, containers containing cosmetics, chemicals or water, or small metal items on or close to the machine. If they enter the machine, there is a risk of failure, electric shock, or fire.



- Do not install this machine in humid locations or locations where it may be exposed to splashing water. Otherwise there is a risk of failure, electric shock, or fire.



- Do not install the machine in a place where children may enter.



- When disabling safety functions (such as interlocks) during installation or maintenance, be sure to check and follow all warning instructions described in each procedure beforehand. Improper handling may result in serious personal injury.

⚠ CAUTION



- A ventilation system must be provided if the machine is installed in a poorly ventilated area or sealed room.
- Be sure to observe the following points regarding exhaust port installation:
 - (1) Exhaust port installation must conform to local environmental, health, and safety (EHS) guidelines.
 - (2) If the exhaust port is fitted with a shutoff valve, the valve must be open when the machine is in use.

NOTICE



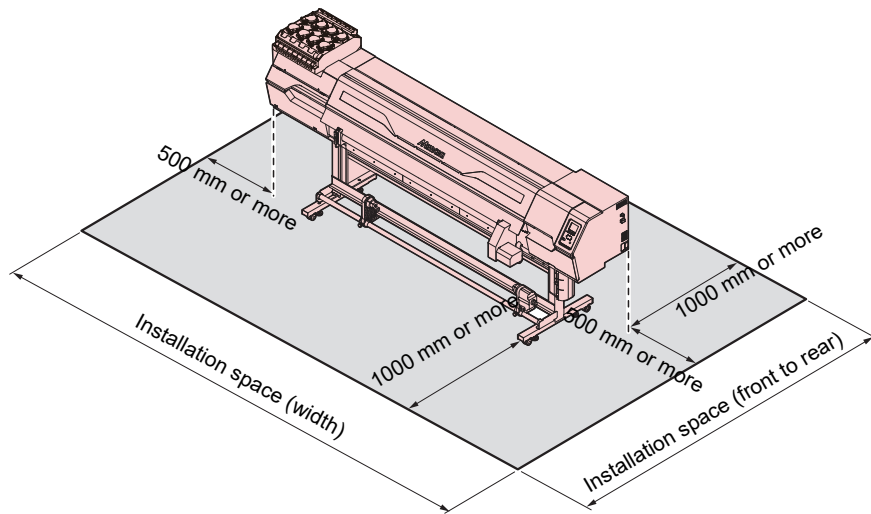
- Do not install the machine in a dusty location. Dust ingress inside the machine increases the risk of failure or ejection failures (e.g., nozzle clogging or deflection).
- Do not install the machine where it is exposed to drafts, such as near an air conditioner. This increases the risk of dust ingress inside the machine.
- Do not install the machine in unstable locations or locations subject to vibration. This increases the risk of failure or ejection failures (such as nozzle clogging or deflection).
- Do not install the machine in a location subject to direct sunlight.
- Do not install the machine in a location subject to extreme temperature fluctuations. This increases the risk of failure or ejection failures (such as nozzle clogging or deflection).
- Do not install the machine in a location where large equipment generating noise is situated.
- Do not install the machine in locations where photographic fixing agent vapors, acid fumes (such as acetic acid or hydrochloric acid), cutting fluid, or other volatile substances (such as amines or modified amine alcohol) are present. Installing in such environments increases the risk of ink solidifying on the print head surface, causing failure or ejection failures (e.g., nozzle clogging or deflection).



- Operating environment: 20 to 30 °C (68 to 86 °F), 35 to 65 %RH (no condensation)
- Temperature range in which accuracy is guaranteed: 20 to 25 °C (68 to 77 °F)

Installation Space

Provide the following space around the machine to allow safe and proper replacement of ink and media:



Item	UJ330H-160
Width ^{*1}	At least 4,225 mm (3,225 mm)
Depth ^{*1}	At least 2,785 mm (785 mm)
Height ^{*1,*2}	(1,420 mm)
Weight	386 kg

*1. The figures in parentheses indicate machine dimensions.

*2. Excluding the Ink bottle height

Maintenance

To ensure years of precise performance, maintain the machine periodically based on frequency of use. Read the maintenance precautions thoroughly before maintaining this product.

1. Maintenance Precautions



- This machine includes parts that must be replaced periodically. We therefore recommend taking out a maintenance contract. Carry out maintenance periodically and replace consumable items to prevent quality defects and accidents.

⚠ WARNING



- Clean periodically. Debris and dust will accumulate on electrical components when the machine is used for extended periods. There is a risk of failure, electric shock, or fire due to current leakage.
- Do not clean by blowing—e.g., avoid using air blowers. Doing so may lead to failure, electric shock, or fire involving the machine if airborne debris or dust gets inside electrical components. Wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out. A vacuum cleaner may also be used for cleaning.



- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.

⚠ CAUTION



- The UV-LED unit becomes extremely hot. Be careful not to touch the LED after it has been turned off until it has sufficiently cooled.



- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



NOTICE



- Never touch the print head nozzle surface. Do not allow water or alcohol to come into contact with the print nozzle surface. This will increase the risk of machine failure or ejection failures (e.g., nozzle clogging or deflection).
- Do not use cotton swabs to clean around the head or carriage. Fibers from cotton swabs may adhere to the head nozzle surface and lead to ejection failures (e.g., nozzle clogging or deflection).
- Do not splash ink or maintenance liquid on the covers. Exposure to splashing ink or maintenance liquid may damage or deform the cover.
- Do not use benzine, thinner, or any chemical agent containing abrasives. Use of these chemicals may result in damage to or deformation of parts.
- Do not use organic solvents such as acetone and IPA. Doing so may damage the machine.
- Do not move the carriage by hand. To move the carriage, use the carriage out function on the menu.

2. Maintenance Methods

Maintenance Items and Timing

Timing	Item
Periodically	Shake the ink.  "Ink Maintenance"(P. 17)
At the start of the week's work	Maintain the white ink.  "White ink maintenance"(P. 17)
At the end of the week's work	Clean the cap rubber.  "Cap Rubber Cleaning"(P. 18)
	Clean the underside of the carriage.  "Carriage Underside Cleaning"(P. 18)
	Clean the underside of the UV-LED unit.  "Carriage Underside Cleaning"(P. 18)
	Check the waste ink levels in the waste ink tank.  "When "Check Waste Ink Tank" message appears"(P. 41)
Every month	Clean around the cloth wiper.  "Cloth Wiper Area Cleaning"(P. 20)
	Clean the NCU.  "NCU Cleaning"(P. 21)
	Clean the DAS sensor.  "DAS (Automatic Correction Function) Sensor Cleaning"(P. 22)
	Clean the ink discharge channel.  "Ink Discharge Channel Cleaning"(P. 23)
	Clean the media sensor.  "Media Sensor Cleaning"(P. 23)
	Clean the jam sensor detecting plate.  "Jam Sensor Detecting Plate Cleaning"(P. 24)
	Clean the platen.  "Media Feeding Belt Cleaning"(P. 25)
	Check the state of the left and right edges of the media feeding belt.  "Checking State of Media Feeding Belt Edges"(P. 25)
	Clean the cover (exterior).  "Cover (Exterior) Cleaning"(P. 26)
	Clean the mist filter. Soak up ink with a paper towel.  "Cleaning the Mist Filter"(P. 28)
When not used for more than a week	Clean the cap and wash the ink discharge channels. After cleaning, store without turning off the main power supply.  "When this Printer is Left Unused for a Long Time"(P. 30)

Items Required for Maintenance

To order replacement consumable items, contact your local dealer or our service office. For more information on consumable items, refer to our website (<https://mimaki.com/supply/inkjet.html>).



- Do not store consumable items in locations where children may enter.

Ink Maintenance

If ink constituents are sedimented, the ink density may become uneven. We recommend shaking the ink periodically to keep printing consistent.

UV ink: once a month.

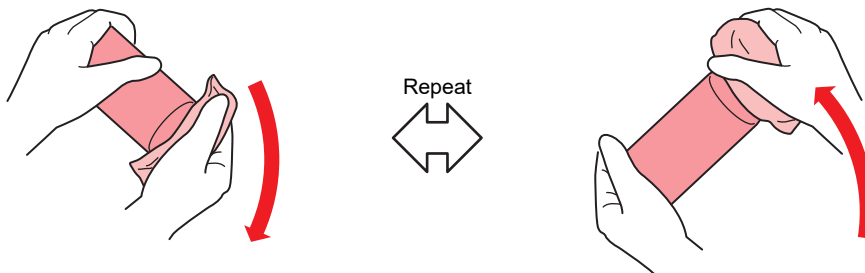
UV white ink: once a day.



- The machine counts the time elapsed after the white ink was stirred. The "Shake White Ink Bottle" message appears when a preset count is reached. If the message appears, shake the white ink by following the instructions below:
Timing when the message appears: Every 24 hours (or when the power is turned on if the power was turned off).

1 Shake the ink bottle to the left and right slowly at least 20 times.

- Tighten the ink bottle lid securely, then shake the bottle slowly from left to right to ensure that the ink moves inside, holding the ink bottle lid with a piece of recommended non-woven fabric.



- Shake slowly. If the bottle is shaken too violently, ink may leak out or the air mixed in the ink may cause nozzle clogging.
- If the ink bottle is partially used, tilt it slowly until the ink bottle is upright.

White ink maintenance

White ink constituents are more easily sedimented than other ink colors. If ink constituents are sedimented, the ink density may become uneven. Perform maintenance once a week as follows before using the machine.

1 Shake the white ink eco-case or bottle.

- ["Ink Maintenance"\(P. 17\)](#)

2 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

3 Select [White Maintenance], then press the [ENTER] key.

4 Press the [ENTER] key.

- Discharging/filling/cleaning starts automatically.
- The elapsed time is displayed.

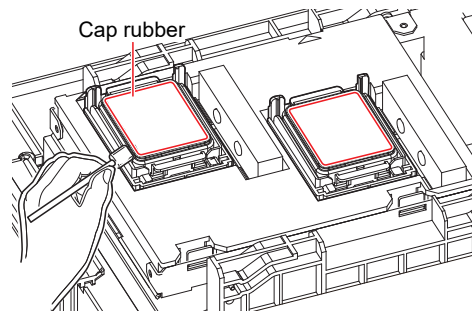
Cap Rubber Cleaning

The cap prevents the print head nozzle surface from drying out. Continuing to use a dirty cap may affect ink take-up and lead to ejection failures (such as nozzle clogging or deflection).



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

- 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.**
 - The Maintenance menu is displayed.
- 2 Select [Station Maint.] > [Carriage Out] > [Move To Platen Right End], then press the [ENTER] key.**
 - The carriage moves over the platen.
- 3 Open the maintenance cover on the right side.**
- 4 Clean the cap rubber.**
 - Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.
 - Clean the areas indicated in red in the diagram (the entire interior and exterior of the cap rubber, the tabs, and the mesh retainers).



- 5 Close the maintenance cover, then press the [ENTER] key.**

Carriage Underside Cleaning

The underside of the carriage becomes coated with ink wiped off by the wiper. Continuing to use the dirty carriage underside will rub dried ink and attached dust on to the media, resulting in contaminated prints.

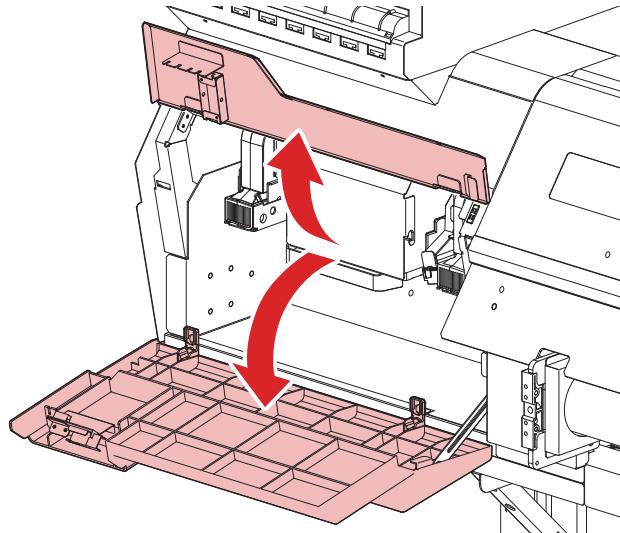
The print head uses an extremely delicate mechanism. Take great care when handling it.



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

- 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.**
 - The Maintenance menu is displayed.
- 2 Select [Station Maint.] > [Carriage Out] > [Move To Maint. Space], then press the [ENTER] key.**
 - The carriage moves to the maintenance space.

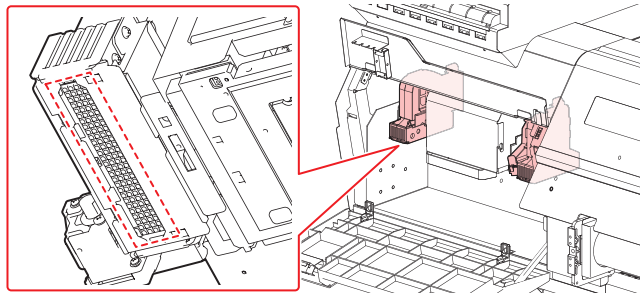
3 Open the maintenance cover on the left side.



- After opening the maintenance cover on the left side, do not place objects on, rest your hands on, or apply force to the opened cover. Doing so may damage the maintenance cover.

4 Clean the UV-LED lamp glass surface.

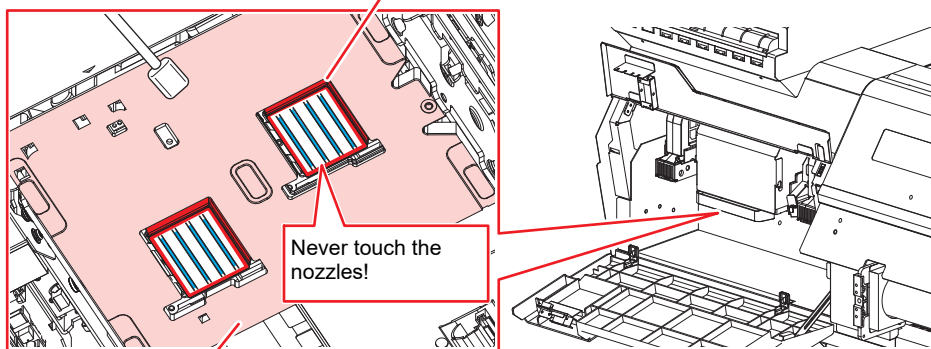
- Wipe off any adhering ink using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



5 Clean around the print head.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.

Clean the print head sides and all around the nozzle plate using a cleaning stick.



Clean using a cleaning stick or soft cloth.



- Never touch the print head nozzles (areas indicated in blue in the diagram).

6 Once cleaning is complete, close the cover, then press the [ENTER] key.

Cloth Wiper Area Cleaning

Continuing to use while dirty will cause dried ink and attached dust around the wiper to rub against the head nozzle surface, and lead to ejection failures (e.g., nozzle clogging or deflection).



- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.

- The Maintenance menu is displayed.

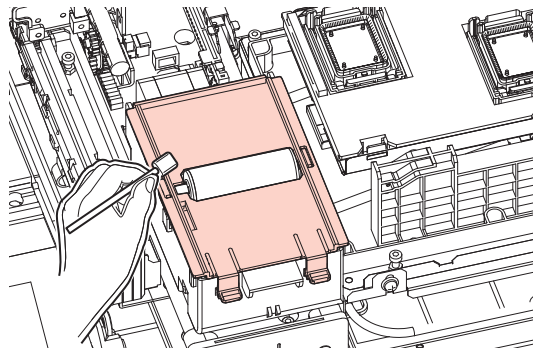
2 Select [Station Maint.] > [Carriage Out] > [Move To Platen Right End], then press the [ENTER] key.

- The carriage moves over the platen.

3 Open the maintenance cover on the right side.

4 Clean the wiper unit cover.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



- Be careful to avoid splashing maintenance liquid on the cloth wiper.

5 Once cleaning is complete, close the cover, then press the [ENTER] key.

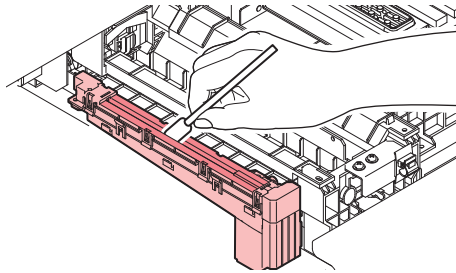
NCU Cleaning

The NCU uses a sensor to monitor the ink droplets ejected from the print head nozzles. Continuing to use the dirty NCU may prevent the nozzle check function from operating correctly.

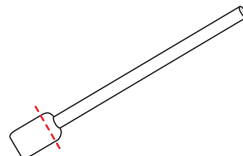


- Be careful to avoid leaving fragments from the cleaning stick behind when cleaning. These fragments will increase the risk of ejection failures (e.g., nozzle clogging or deflection).

- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Move To Platen Right End], then press the [ENTER] key.
 - The carriage moves over the platen.
- 3** Open the maintenance cover on the right side.
- 4** Clean the NCU.
 - Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



- Insert the cleaning stick as far as the line shown in the illustration.

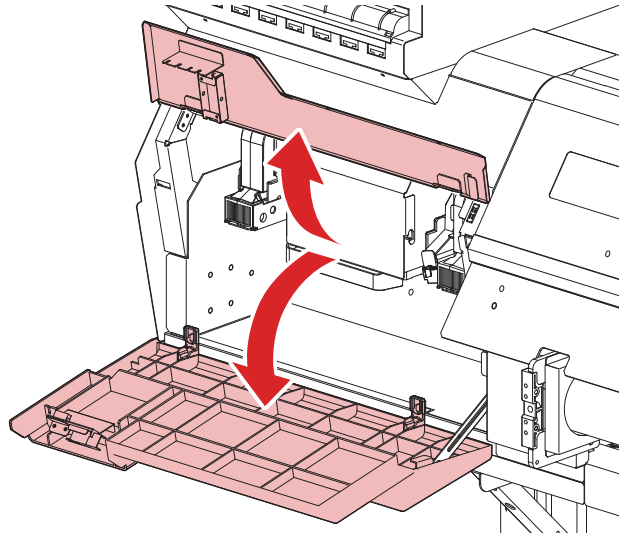


- 5** Once cleaning is complete, close the cover, then press the [ENTER] key.

DAS (Automatic Correction Function) Sensor Cleaning

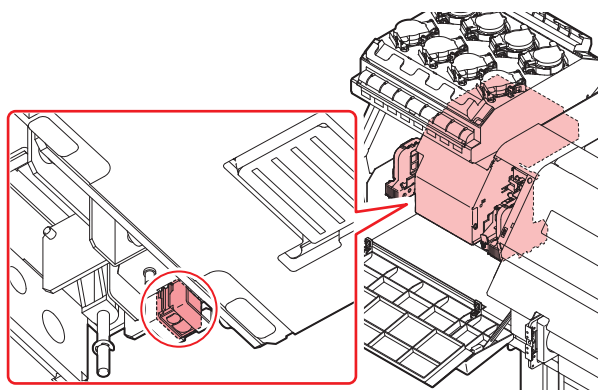
The DAS sensor is located on the carriage underside. If dust or debris accumulates on the sensor, DAS () may not function.

- 1** On the **LOCAL** mode screen, select **[MENU] > [Maintenance]**, then press the **[ENTER]** key.
 - The Maintenance menu is displayed.
- 2** Select **[Station Maint.] > [Carriage Out] > [Move To Maint. Space]**, then press the **[ENTER]** key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance cover on the left side.



- After opening the maintenance cover on the left side, do not place objects on, rest your hands on, or apply force to the opened cover. Doing so may damage the maintenance cover.

- 4** Clean the DAS sensor.
 - Wipe clean using cotton swabs or a soft cloth.



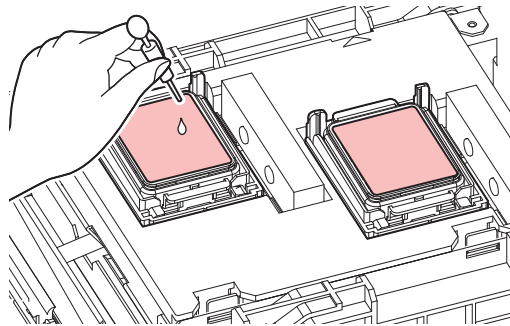
- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.

- 5** Once cleaning is complete, close the cover, then press the **[ENTER]** key.

Ink Discharge Channel Cleaning

Clean the ink discharge channel regularly to prevent clogging of the ink discharge channel below the cap.

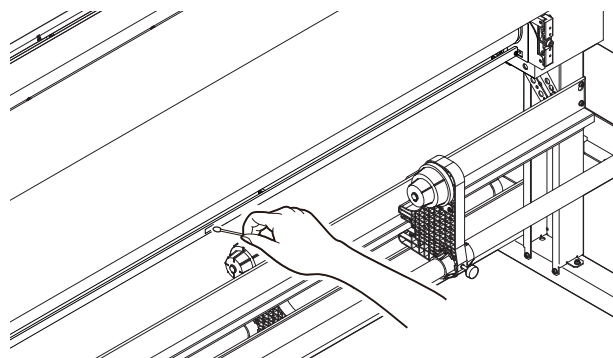
- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Pump tube cleaning], then press the [ENTER] key.
 - The carriage moves over the platen.
 - "Fill the Liquid. Exit Next [ENT]" appears on the display.
- 3** Open the maintenance cover on the right side.
- 4** Check to confirm that approximately half a capful of maintenance liquid remains.
 - Use a syringe to draw up some maintenance liquid and drip in approximately half a capful.



- 5** Close the maintenance cover, then press the [ENTER] key.
 - Pump tube (ink discharge channel below the cap) washing starts.

Media Sensor Cleaning

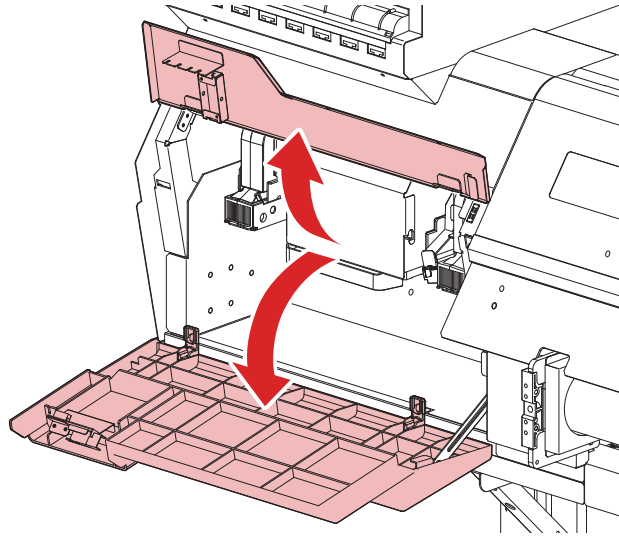
Media sensors are located on the rear covers. The media cannot be detected correctly if dust or debris accumulates on the sensors. Remove any debris using cotton swabs or a soft cloth.



Jam Sensor Detecting Plate Cleaning

Continuing to use the dirty carriage underside will rub dried ink and attached dust on to the media, resulting in contaminated prints.

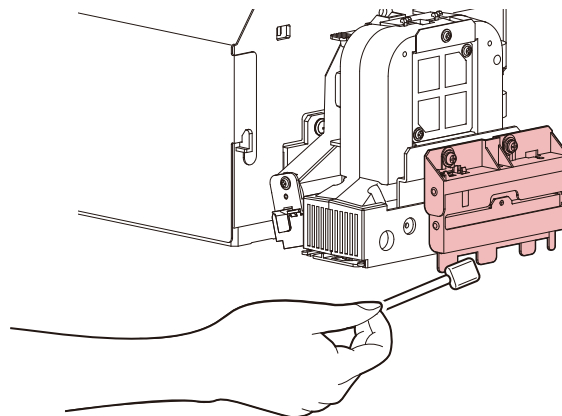
- 1** On the **LOCAL** mode screen, select **[MENU] > [Maintenance]**, then press the **[ENTER]** key.
 - The Maintenance menu is displayed.
- 2** Select **[Station Maint.] > [Carriage Out] > [Move To Maint. Space]**, then press the **[ENTER]** key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance cover on the left side.



- After opening the maintenance cover on the left side, do not place objects on, rest your hands on, or apply force to the opened cover. Doing so may damage the maintenance cover.

4 Clean the jam sensor detecting plate.

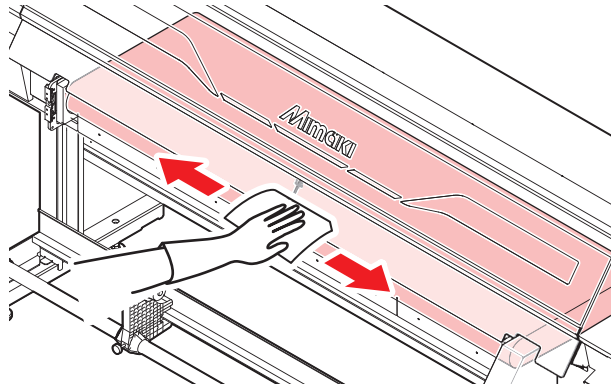
- Clean the jam sensor detecting plate underside at the left and right sides of the carriage.
- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.



5 Once cleaning is complete, close the cover, then press the **[ENTER]** key.

Media Feeding Belt Cleaning

Continuing to use the dirty platen will prevent proper feeding of the media. It will also cause dried ink and attached dust to rub against the head nozzle surface and lead to ejection failures (e.g., nozzle clogging or deflection).



- Turn off the main power supply and unplug the power cable before carrying out maintenance.



- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.



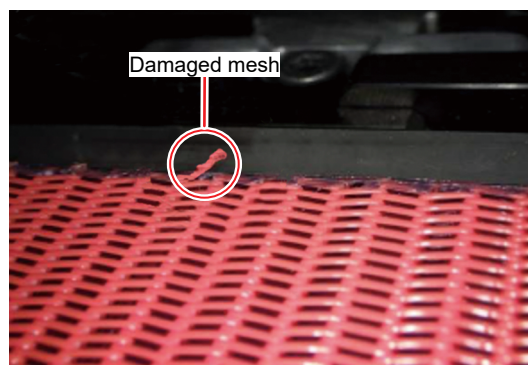
- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.



- Do not clean the printer body or media feeding belt by spraying liquid or using organic solvents such as acetone or IPA.

Checking State of Media Feeding Belt Edges

The media feeding belt may become damaged with tears or fraying on the left and right edges of the mesh material. Damaged areas of the mesh material may come into contact with the head nozzle surface or may cause false detection of media jams.

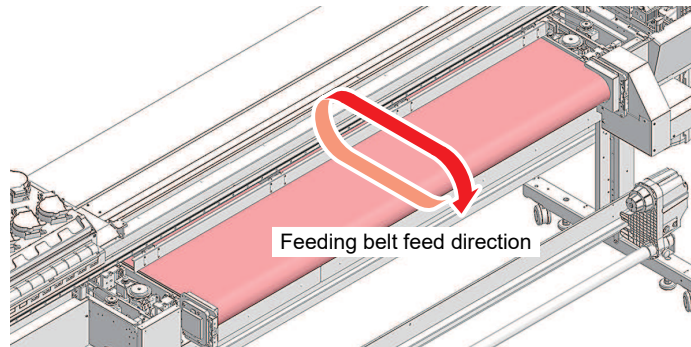


- Turn off the main power supply and unplug the power cable before carrying out maintenance.

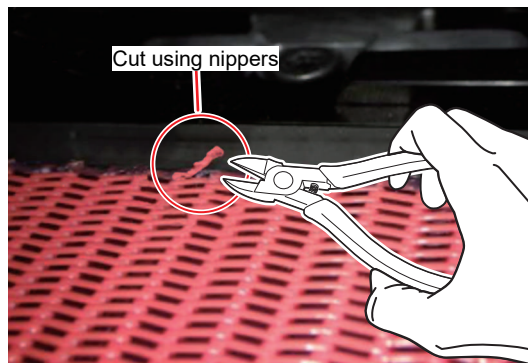
- 1 Remove the media from the machine feeding belt.

2 Feed the belt in the feed direction, then check the left and right edges of the belt for damage to the mesh material such as shown in the figure above.

- Be sure to rotate the belt in the feed direction. Placing your hand over the front roller and feeding it toward you as if turning the roller will make the process easier.



3 If there are any damaged areas in the mesh material, cut and remove them using nippers to leave the surface flat.

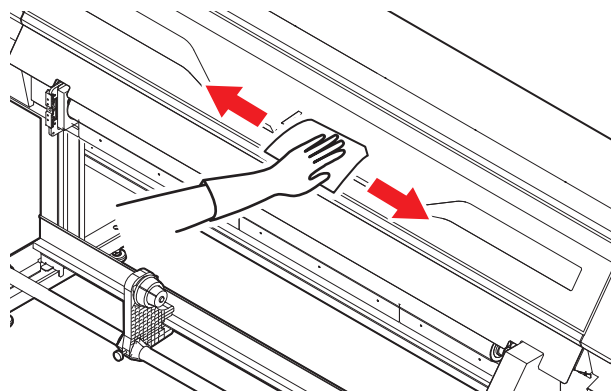


- When using nippers, take care not to cut your hands.

4 Perform the procedure in steps 2 to 3 for a full rotation of the belt.

5 Check to confirm that no cut pieces of mesh material have fallen onto the belt.

Cover (Exterior) Cleaning



- Be careful to prevent liquids from getting inside the machine. Otherwise there is a risk of failure, electric shock, or fire.



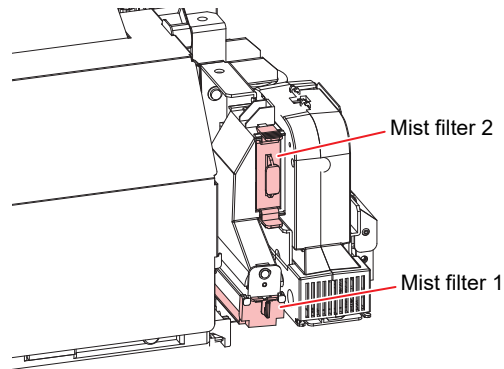
- For heavy soiling, wipe using a soft cloth soaked in diluted neutral detergent and thoroughly wrung out.



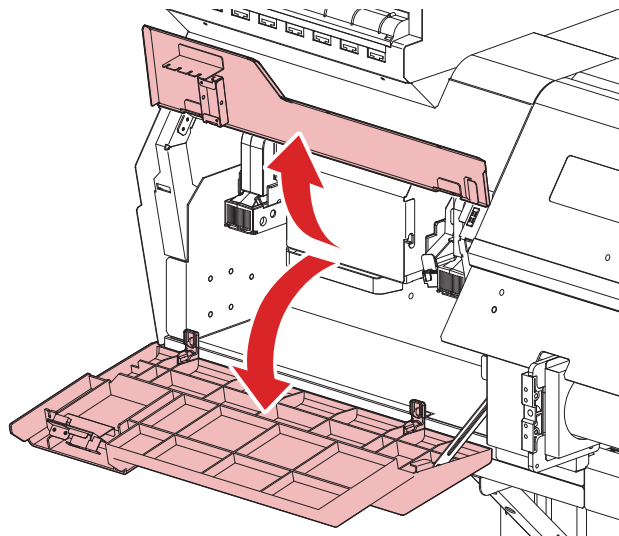
- Do not clean the printer body or media feeding belt by spraying liquid or using organic solvents such as acetone or IPA.
-

Cleaning the Mist Filter

The mist filter absorbs the mist generated when ink droplets are discharged from the print head. Continuing to use it when it is dirty will result in contaminated prints.



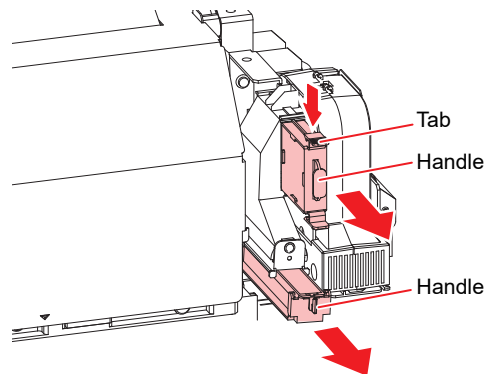
- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Move To Maint. Space], then press the [ENTER] key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance cover on the left side.



- After opening the maintenance cover on the left side, do not place objects on, rest your hands on, or apply force to the opened cover. Doing so may damage the maintenance cover.

4 Remove the mist filter.

- To remove the mist filter, pull the knob to the front while pushing the tab in the direction indicated by the arrow.



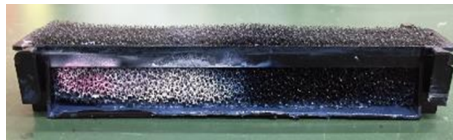
5 Clean the filter.

- Remove the filter and press down on it with a paper towel to remove dirt.
- Wipe off the dirt adhering to the filter case.



- Replace the mist filter if it gets very dirty—for example, due to liquefaction of ink adhering to the filter.

 ["Mist Filter Replacement"\(P. 44\)](#)



6 Reinstall the mist filter in its original position.

7 Once cleaning is complete, close the cover, then press the [ENTER] key.

When this Printer is Left Unused for a Long Time

Clean as follows if the product is not used for one week or longer:

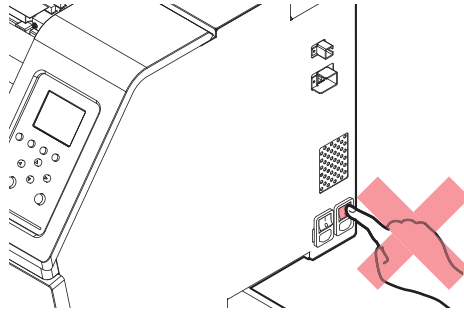
Check beforehand

Is [Near End] or [Ink End] displayed?

- Maintenance liquid and ink is aspirated during the washing operation. Washing is not possible if an error occurs during this process. Replace with new ink.




- Do not turn off the main power supply. Turning off the main power supply will disable the automatic maintenance function (including nozzle clogging prevention function and ink discharge channel cleaning function). This increases the risk of ejection failures (such as nozzle clogging or deflection).



- Do not leave media loaded on the platen. This may leave irregularities or ripples in the media.

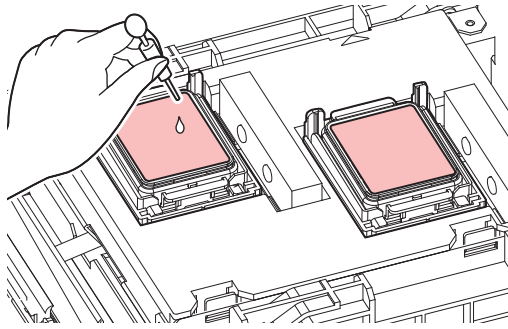


- Perform the following if the "Check Waste Ink Tank" message appears on the display.
 ["Waste Ink Tank Replacement"\(P. 41\)](#)

- 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.**
 - The Maintenance menu is displayed.
- 2 Select [Station Maint.] > [Custody Wash], then press the [ENTER] key.**
 - The carriage moves over the platen.
- 3 Open the maintenance cover on the right side.**
- 4 Clean the cap rubber.**
 -  ["Cap Rubber Cleaning"\(P. 18\)](#)
- 5 Press the [ENTER] key once cleaning is complete.**
 - "Fill the Liquid. Exit Next [ENT]" appears on the display.

6 Fill the cap with maintenance liquid.

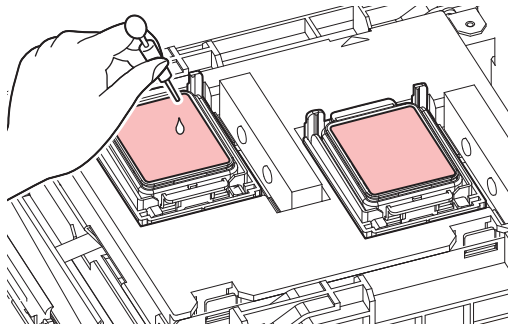
- Use a syringe to draw up some maintenance liquid and fill until it almost overflows from the cap.

**7 Close the maintenance cover, then press the [ENTER] key.****8 Set the exposure time, then press the [ENTER] key.**

- Cleaning is performed automatically once print nozzle washing has ended.
- "Fill the Liquid. Exit Next [ENT]" appears on the display.

9 Open the maintenance cover on the right side.**10 Fill the cap with maintenance liquid.**

- Use a syringe to draw up some maintenance liquid and fill until it almost overflows from the cap.

**11 Close the maintenance cover, then press the [ENTER] key.**

- Pump tube (ink discharge channel below the cap) washing starts.

3. Replacement of Consumable Item

To order replacement consumable items, contact your local dealer or our service office. For more information on consumable items, refer to our website (<https://mimaki.com/supply/inkjet.html>).



- Do not store consumable items in locations where children may enter.



- When disposing of consumable items, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

Consumable Item Replacement Timing


Timing	Item
When run out	"Cloth Wiper Replacement"(P. 33)
When dirty	"Replacing the Absorber Around the Station"(P. 39) "Mist Filter Replacement"(P. 44) "UV-LED Glass Replacement"(P. 45)
When ejection failures cannot be remedied	"Cap Replacement"(P. 37)
When damaged	"Cap Replacement"(P. 37)
When "Check Waste Ink Tank" appears on the display	"Waste Ink Tank Replacement"(P. 41)
Periodically	"Ink Bottle Cap Replacement"(P. 46)

Cloth Wiper Replacement

Replace cloth wipers with new ones when they have run out.



- **The cloth wipers to use depend on the model.** Using inappropriate cloth wipers may damage the print head.

Model	Code/Package type
UJ330H	 <p>SPC-0919/Aluminum pack</p>



SPC-0919 cloth wipers

- Precautions are included with the cloth wipers. Thoroughly read them and make sure you understand the contents.
- When disposing of cloth wipers, **be sure to place them in a sealed bag.** Contact an industrial waste disposal operator or dispose of in accordance with the local laws and regulations.
- When handling cloth wipers, ensure adequate ventilation and take care not to inhale the solvent fumes.



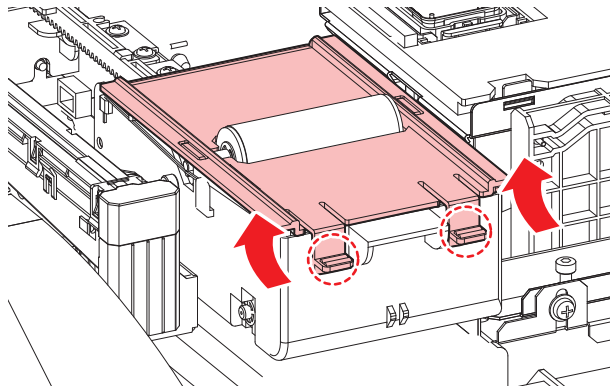
- When handling **SPC-0919 cloth wipers**, be sure to wear safety glasses, gloves, and a mask. There is a risk of the liquid (solvent) contained in cloth wipers splashing and contacting your skin, eyes, or mouth.



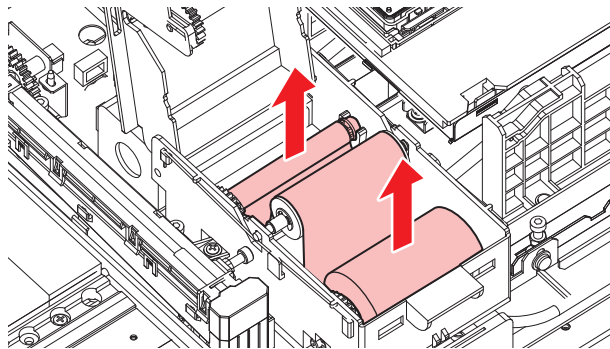
- 1 "Wiper End" appears on the display.
- 2 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 3 Select [Station Maint.] > [Replace Wiper], then press the [ENTER] key.
 - The carriage moves over the platen.
- 4 Open the maintenance cover on the right side.

5 Open the cloth wiper cover.

- Push the two tabs at the front up to open.



6 Remove the wiper together with the spindle.



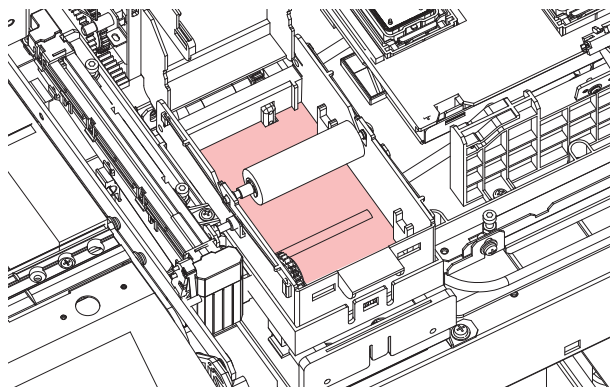
7 Remove the wiper from the spindle.



- When disposing of ink, maintenance liquid or other liquid used with the product, or the container or paper towel to which ink or other liquid is attached, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

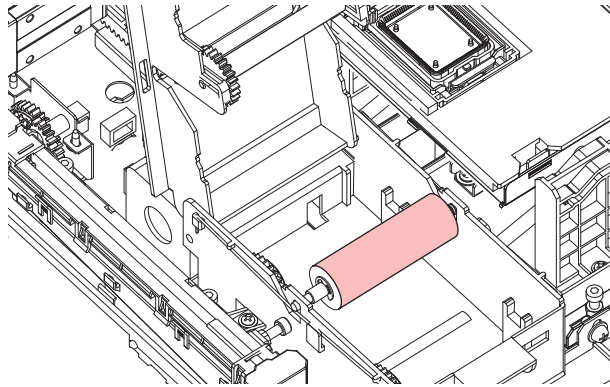
8 Clean the wiper unit underside.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.

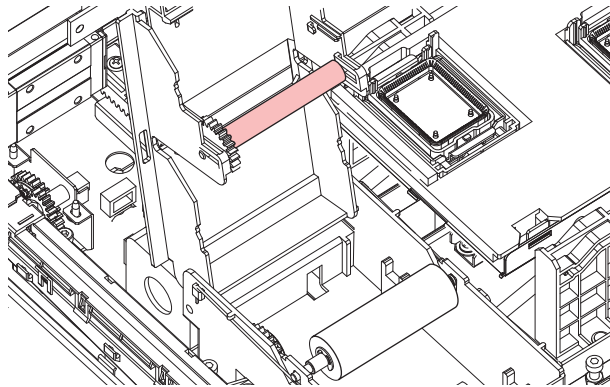


9 Clean the wipe roller.

- Wipe off any ink and dust adhering using a cleaning stick moistened with maintenance liquid. Wipe off the maintenance liquid. Make sure none remains.

**10 Clean the pinch rollers.**

- Gently wipe off any dust adhering with a soft cloth.



- Do not wipe too hard. Wiping too hard may degrade the sponge.

11 Mount a new cloth wiper.

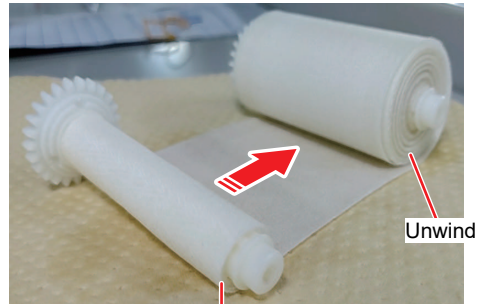
- (1) Remove the cloth wiper from the bag.
- (2) Unroll the side with more cloth on it.

[When removed from bag]



Wound approximately three times

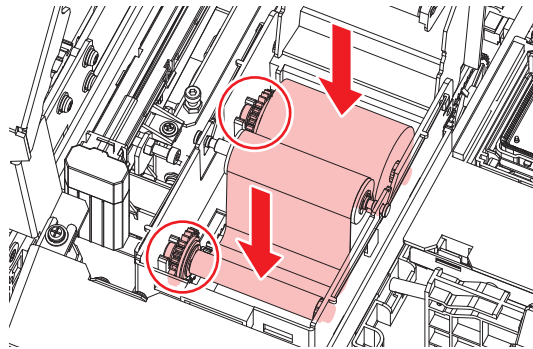
[When mounted in the wiper unit]



Do not unwind!

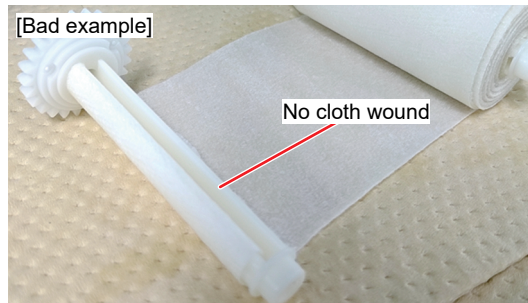
- (3) Mount a new cloth wiper.

- Mount the cloth wiper with the gear on the left.



Important!

- If no cloth is wound around the spindle, wind the cloth around the spindle three times before mounting. If the cloth is mounted with no cloth wound around the spindle, the cloth may become detached from the wiper unit.



12 Close the cloth wiper cover.

13 Close the maintenance cover, then press the [ENTER] key.

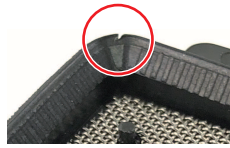
- The remaining amount of cloth wiper is reset.

Cap Replacement

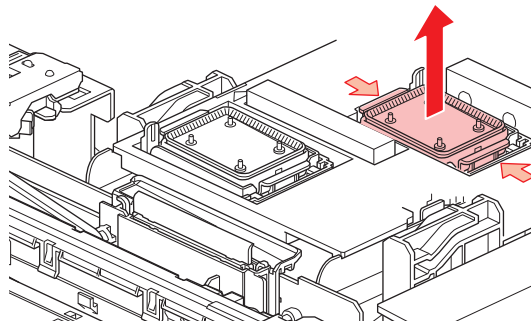
If ejection failures (e.g., nozzle clogging or deflection) remain unresolved even after cleaning, replace with a new cap.



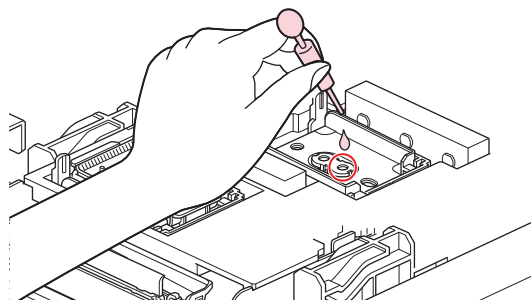
- Be sure to replace the cap if you observe any scratches or other damage on the rim.



- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Replace Cap], then press the [ENTER] key.
 - The carriage moves over the platen.
- 3** Open the maintenance cover on the right side.
- 4** Remove the cap.
 - Squeeze the lugs on either side of the cap and pull off.

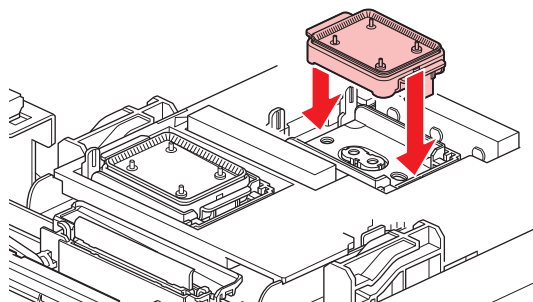


- 5** Apply maintenance liquid.
 - Use a syringe to apply two or three drops of maintenance liquid to the hole at the front.



6 Mount a new cap.

- Position with the slot at the front and push in until it clicks.

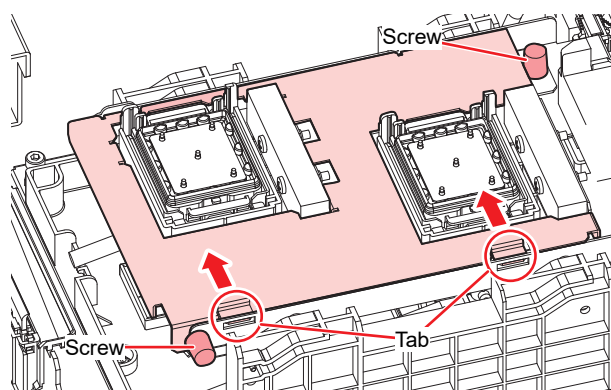


7 Once replacement is complete, close the cover, then press the [ENTER] key.

Replacing the Absorber Around the Station

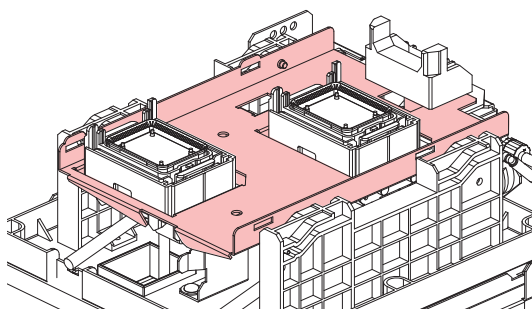
If the cap absorber or maintenance liquid absorber is very dirty or if ink drips on to the media, replace with a new cap absorber.

- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Move To Platen Right End], then press the [ENTER] key.
 - The carriage moves over the platen.
- 3** Open the maintenance cover on the right side.
- 4** Remove the cap absorber together with the plate.
 - Push up the two tabs at the front to remove the cap absorber.



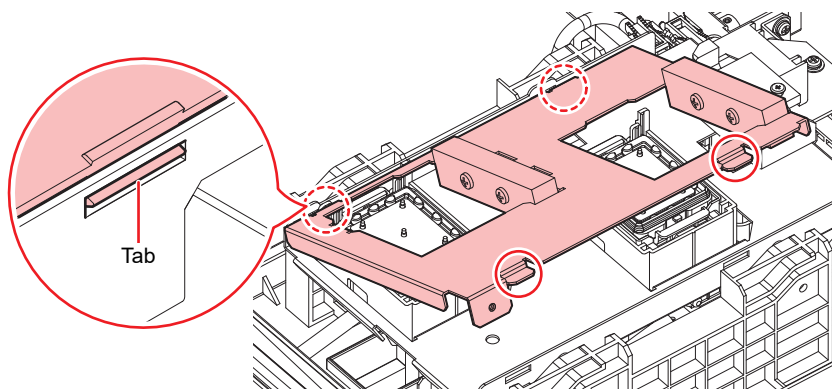
- Avoid ink dripping when removing the cap absorbers.

- 5** Clean the cap base.



6 Mount a new cap absorber (with plate).

- Push the tabs on the cap absorber into the slits at the rear of the C slider, and clip in the tabs at the front.



7 Once replacement is complete, close the cover, then press the [ENTER] key.

Waste Ink Tank Replacement

Ink used during head cleaning and other processes is collected in the waste ink tank at the lower right of the machine.

This product keeps track of the waste ink level. A "Check Waste Ink Tank" message appears when the preset level is reached. Use this a guide for replacing the waste ink tank.



- For a 2-liter tank, the preset level is 80 % (1.6 L).
- Continuing to use the product without disposing of the waste ink may result in waste ink overflowing from the waste ink tank. Visually check ink levels in the waste ink tank about once a week.

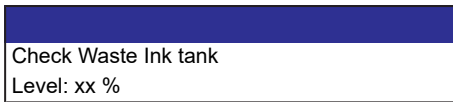


- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.






When "Check Waste Ink Tank" message appears

- 1 The "Check Waste Ink Tank" message appears on the display.



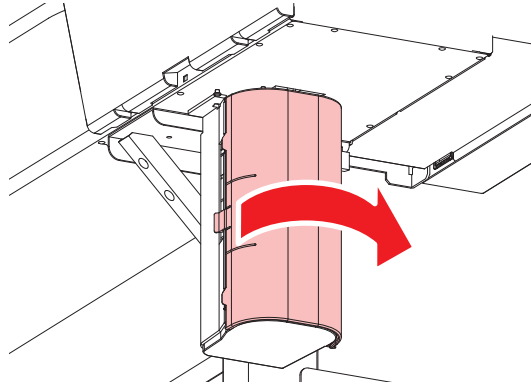
Check Waste Ink tank
Level: xx %

- 2 Check the waste ink levels in the waste ink tank.
 - If you note any discrepancies from actual levels, proceed to the next step.
 - If there is no discrepancy, replace (dispose of) the waste ink tank referring to  "Replacing the Waste Ink Tank"(P. 41).
- 3 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 4 Select [Waste Ink Tank], then press the [ENTER] key.
- 5 Select [Adjust Waste Ink Volume], then press the [ENTER] key.
- 6 Press   to adjust the level.
- 7 Press the [ENTER] key once adjustment is complete.

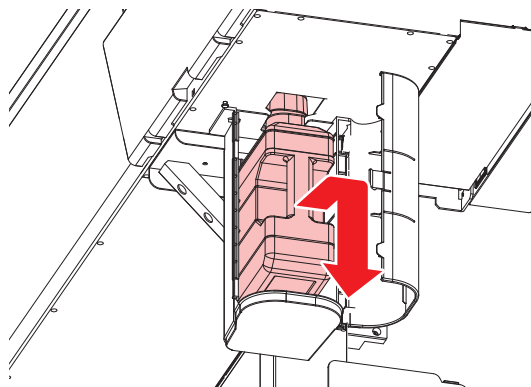
Replacing the Waste Ink Tank

- 1 On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2 Select [Waste Ink Tank], then press the [ENTER] key.
- 3 Select [Reset Waste Ink Volume], then press the [ENTER] key.

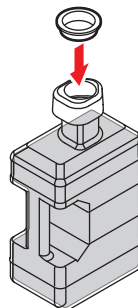
4 Open the waste ink tank cover.



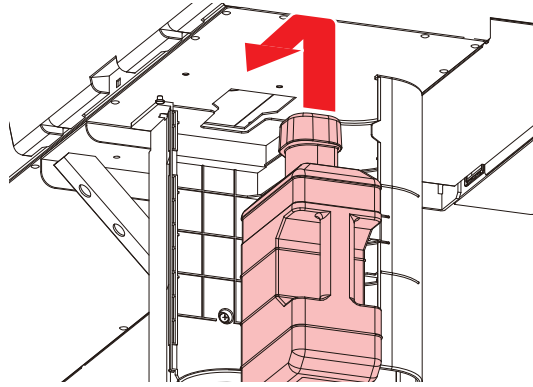
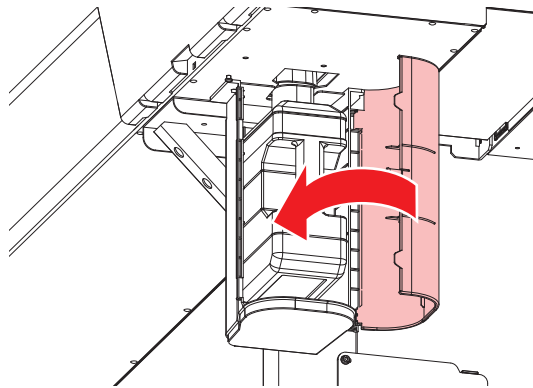
5 Hold the handle on the waste ink tank and slide out.



6 Attach the cap to the removed waste ink tank, and use tape to prevent leakage of waste ink.



- When disposing of ink, maintenance liquid or other liquid used with the product, or containers or non-woven fabric contaminated with ink or other liquid, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

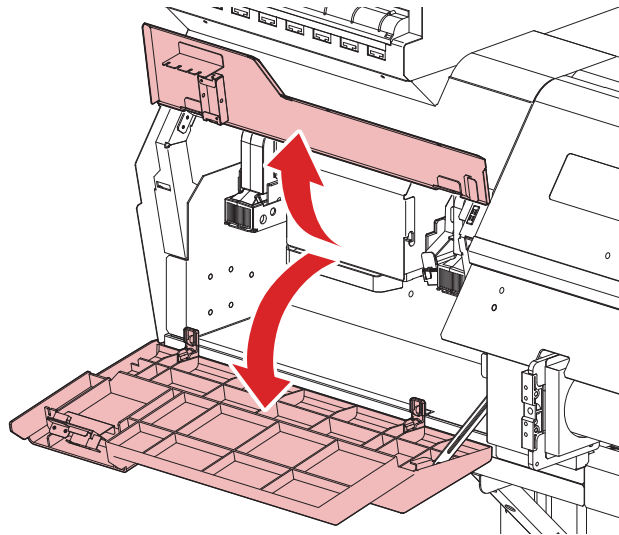
7 Install a new waste ink tank.**8** Close the waste ink tank cover.**9** Press the [ENTER] key.

- The waste ink level will be reset.

Mist Filter Replacement

Check the mist filter. Replace if very dirty.

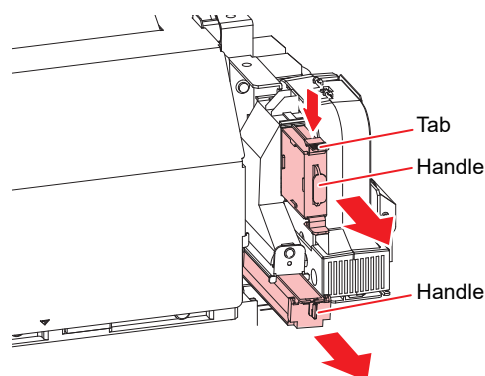
- 1** On the **LOCAL** mode screen, select **[MENU] > [Maintenance]**, then press the **[ENTER]** key.
 - The Maintenance menu is displayed.
- 2** Select **[Station Maint.] > [Carriage Out] > [Move To Maint. Space]**, then press the **[ENTER]** key.
 - The carriage moves to the maintenance space.
- 3** Open the maintenance cover on the left side.



- After opening the maintenance cover on the left side, do not place objects on, rest your hands on, or apply force to the opened cover. Doing so may damage the maintenance cover.

4 Remove the mist filter box.

- Push the tab in the direction indicated by the arrow and slide out in the direction of the arrow to remove.



5 Replace the mist filter with a new one.

6 Install the mist filter box.

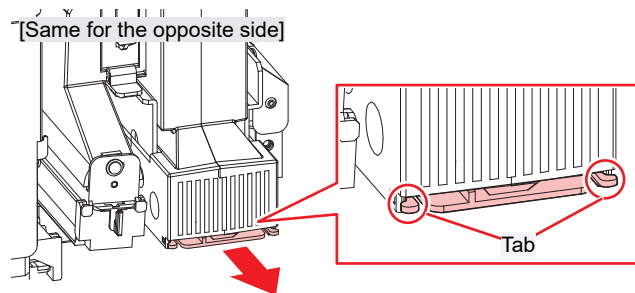
- Insert until it clicks into place. Confirm that the tab is engaged.

7 Once replacement is complete, close the cover, then press the **[ENTER]** key.

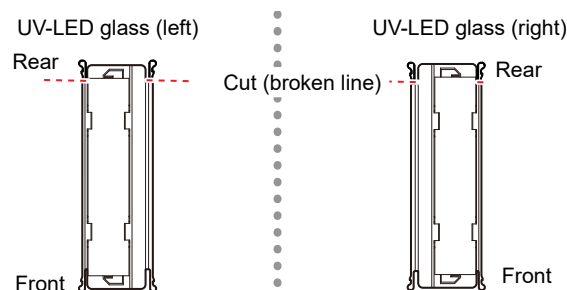
UV-LED Glass Replacement

Replace the glass on the underside of the UV-LED unit if hardened ink is adhering to it.

- 1** On the LOCAL mode screen, select [MENU] > [Maintenance], then press the [ENTER] key.
 - The Maintenance menu is displayed.
- 2** Select [Station Maint.] > [Carriage Out] > [Move To Platen Right End], then press the [ENTER] key.
 - The carriage moves over the platen.
- 3** Open the front cover.
- 4** Remove the LED glass.
 - Push the tabs inward and slide out the glass in the direction of the arrow to remove.
 - Be careful not to apply too much force when unclipping the tabs. Disregarding this precaution may result in breakage of the tabs.

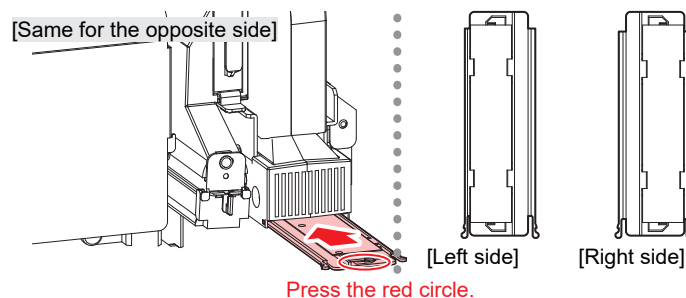


- 5** When replacing the glass holder at the same time, cut the tabs on the rear side.



- 6** Install a new LED glass.

- Without touching the tabs, press on the center of the glass holder to insert it into place.
- Insert until it clicks into place. Confirm that the tabs are engaged.



- 7** Once replacement is complete, close the cover, then press the [ENTER] key.

Ink Bottle Cap Replacement



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



Care and maintenance

April, 2026

MIMAKI ENGINEERING CO.,LTD.

2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN

D203898-10-01042026

