

UV PRINTER UJF-706

Daily Care Manual

Request for daily care

Inkjet printer is the precision machine that has highly delicate mechanism. Especially, little dust and paper powder may have effect on a head nozzle spraying ink, and may not get normal printing. To use the inkjet printer in good condition, we recommend the following daily care.

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For safe operation

Installation environment and Notes on cleaning

- Use this printer in clean (less dust) environment. The use of fan and ventilator might because of dusty environment.
They blow dust up dust around the printer.
- As using UV curing ink, install this printer in a well-ventilated area.
- Working environmental temperature is 15 to 30°C (59 to 86°F). Avoid using at lower or higher than this.

Notes on cleaning



- Never disassemble this machine. Disassembling this machine can result in electric shock hazards or damage to this machine.



- Prevent moisture from entering this machine. Moisture inside the machine can result in electric shock hazards or damage to this machine.



- Before starting maintenance work, be sure to turn off the main power switch and unplug the power cable; otherwise, an unexpected accident may occur.
- Start maintenance work after the UV lamp has been sufficiently cooled, or burn injury may occur.



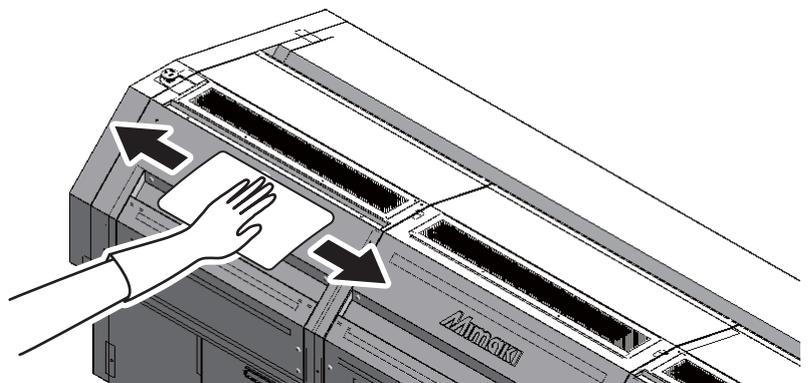
- Do not use benzene, thinner, or any chemical agent containing abrasives. Such materials can deteriorate or deform the surface of the cover.
- Do not apply lubricating oil or the like inside to any part inside this machine. Such materials can cause this machine mechanism to fail.
- In case water or alcohol mixed into the UV curing ink (UV ink), flocculation would be occurred. Be sure not to adhere water or alcohol not only on the nozzle and also near the head.



- This machine uses UV curing ink (UV ink). When in daily care, be sure to put on the supplied goggles and gloves.

Maintenance for exterior surfaces

If exterior surfaces of the machine is dirty, dampen a soft cloth with water or a neutral detergent diluted with water, squeeze it and wipe the surfaces.



In case the print does not improve

If the print does not improve after head cleaning (☞ Operation Manual P.2-10), clean the wiper.



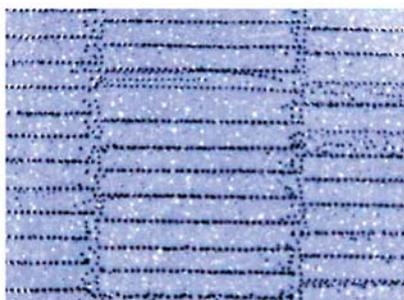
- When cleaning, be sure to put on the supplied goggles and gloves since you may get ink in your eyes.

Tools	• Wiper Sponge set (SPC-0578)	• Pre wipe rubber (SPA-0172)	
	• UJ Cleaning swab (SPC-0386)	• Gloves	• Goggles

The examples of defective printing

Improper head discharge caused by dust affects the drawing as follows.
Not to use in this condition, check the nozzle condition periodically before or during drawing.
The nozzle condition can be confirmed with [test print] of this machine.

Deflection



Nozzle clogging



Ink dripping



Sprayed ink



Wiper cleaning

1 Turn the power on.

2 When <LOCAL> is displayed, press the **FUNCTION** key.

<LOCAL . 1>

3 Select the [MAINTENANCE] with the **▲** **▼** key, and press the **ENTER** key.

FUNCTION
MAINTENANCE <ENT>

4 Select the [ST.MAINTENANCE] with the **▲** **▼** key, and press the **ENTER** key.

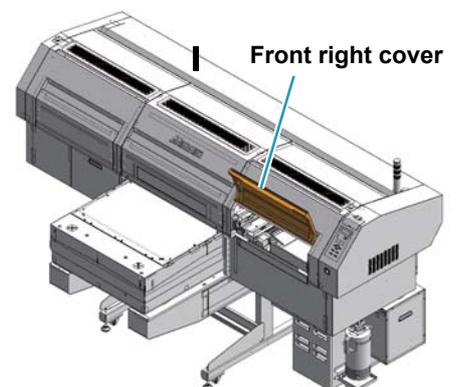
MAINTENANCE
ST.MAINTENANCE <ent>

5 Select the [WIPER CLEAN] with the **▲** **▼** key, and press the **ENTER** key.

ST.MAINTENANCE
WIPER CLEAN <ent>

- The carriage moves to near the flushing tray on the left.
- The wiper moves to the front.

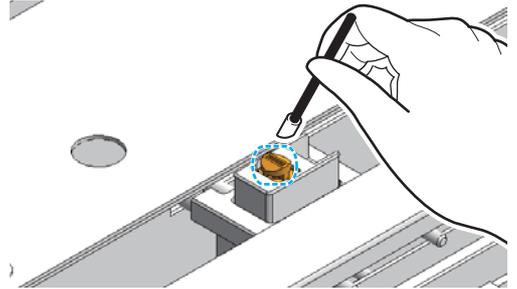
6 Open the front left cover.



7

Wipe out the dirt of the wiper with the cleaning swab.

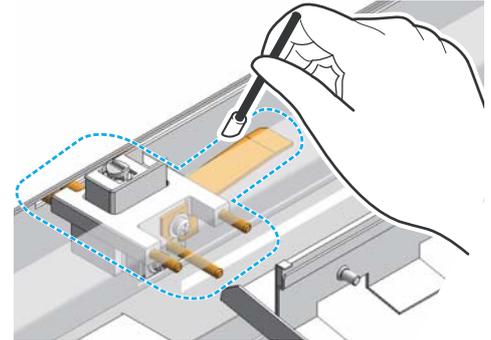
- Wipe the places shown in the right.
- If the dirt of the wiper is heavy, press the **FUNCTION** key to open the nozzle of the washing liquid. Press the **FUNCTION** key again to stop the washing liquid.



8

Wipe out the dirt of the wiper shaft with the cleaning swab.

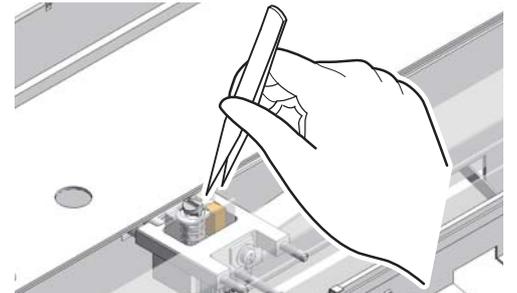
- Wipe the places shown in the right.



9

If sponges are dirty, replace the sponge.

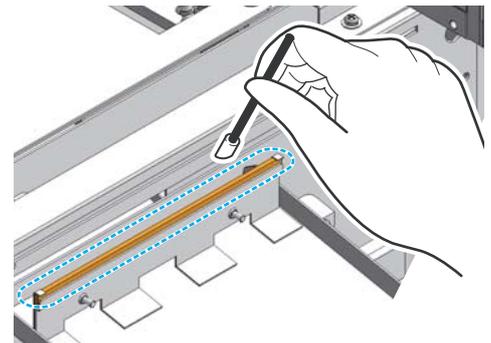
- Remove the sponge with tweezers or the like, then set the new sponge.
- Replace the sponge about every six months.



10

Wipe the the dirt of the wiper rubber with the cleaning swab.

- Wipe the places shown in the right.
- If the dirt is heavy, replace the rubber.



11

After cleaning, press the **ENTER** key.

- Initializing starts.

WIPER CLEAN
COMPLETED : e n t

12

Press the **END** key to finish.

How to recover improper nozzle discharge

When not using this machine for a long time, or according to environmental temperature, the nozzle may not be stably discharged. In this case, follow the procedures below to recover the nozzle.



- In case the nozzle are still clogged after these operations, contact our customer service or a distributor you purchased, to replace the head or others.

1

Perform daily care.

- Perform daily care of the all parts described on this manual.

2

Clean the head. (Operation Manual P.2-14)

- After step 1, perform the head cleaning according to the operation manual.
 - Repeat the head cleaning and test printing, then confirm the nozzle is not clogged.
-

Cleaning the flushing tray

When you clean the flushing box, check the flushing filter, and replace this as needed. (about once a week)

Contents of the cleaning kit	• Gloves	• Paper towel	• Goggles
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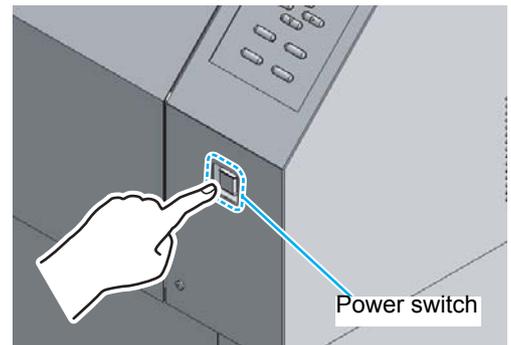
- When replacing, be sure to put on the supplied goggles and gloves, since you may get ink in your eyes.



- Replace the flushing filter: SPC-0655 (waste ink absorber) and the BEMCOT: A101437 about once a week. If it absorbed more than its capacity, ink may overflow.

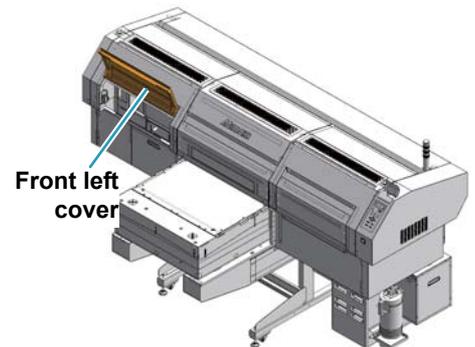
1

Turn the power OFF with the power switch.



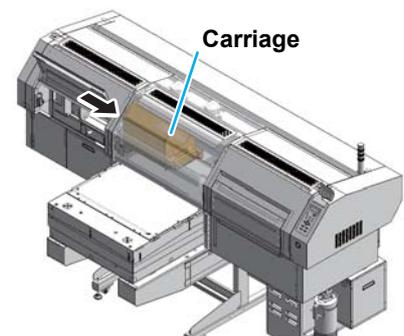
2

Open the front left cover.



3

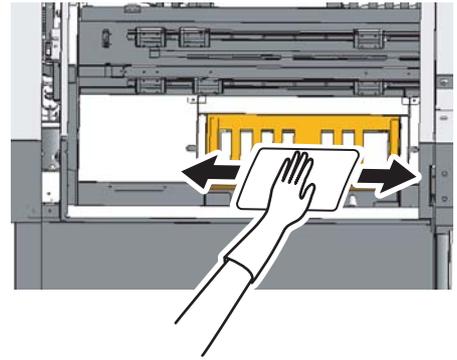
Move the carriage to the right.



4

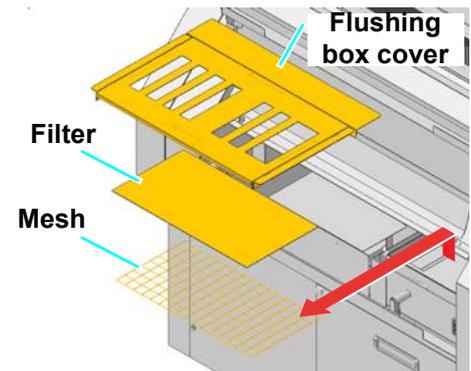
Wipe out ink on the surface of the flushing box.

- Wipe out ink that has adhered by flushing on the flushing tray with cloth.



5

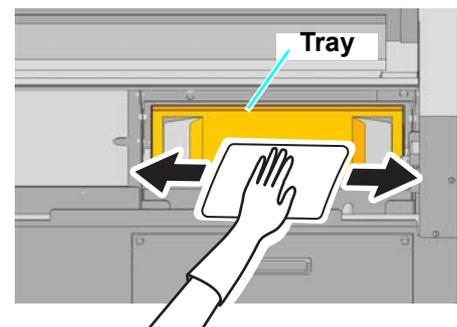
Remove the flushing box cover, filter and mesh.



6

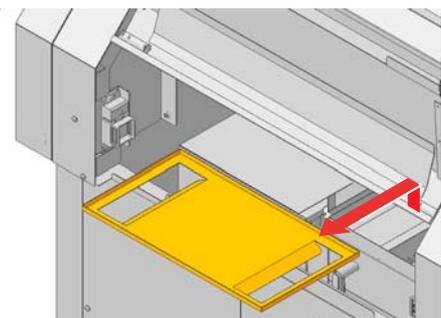
Wipe ink adhering to the tray.

- Wipe ink adhering to the tray by flushing with a cloth.



7

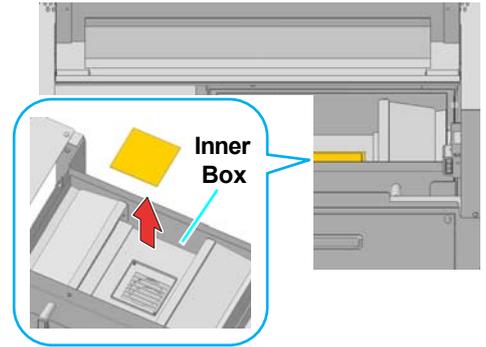
Remove the tray.



8

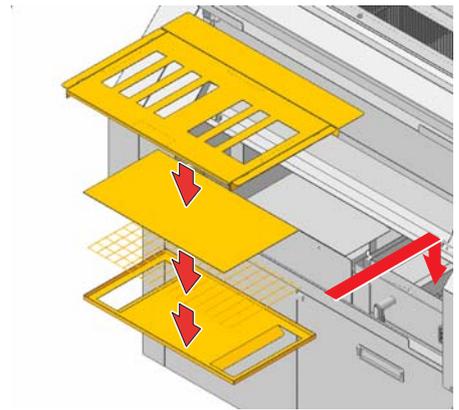
Replace Bemcot inside the flushing BOX.

- When ink adheres to the inner box, wipe it with a cloth.



9

Set the tray, the mesh, new filter and the flushing BOX.



Avoiding ink dripping at printing

Ink droplets from the mist at drawing may arise on the bottom of the carriage. As the ink droplets may drip and stain the media or cause blur or dot missing, clean the bottom of the carriage periodically.

Tools	• UJ Cleaning swab (SPC-0386)	• Gloves	• Goggles
	• Paper towel		

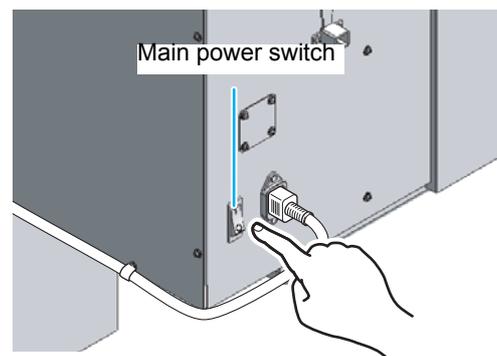
1

Put out the UV lamp and switch OFF the power.

- Press the power switch in the front of this machine.

2

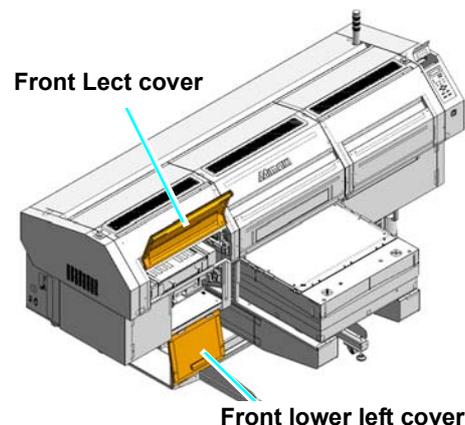
Turn the main power switch OFF on the side of this machine.



- When discharging ink for the head cleaning, wait until the discharging is finished, and work.

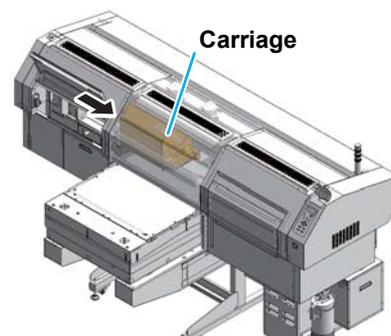
3

Open the front left cover and the front lower left cover.



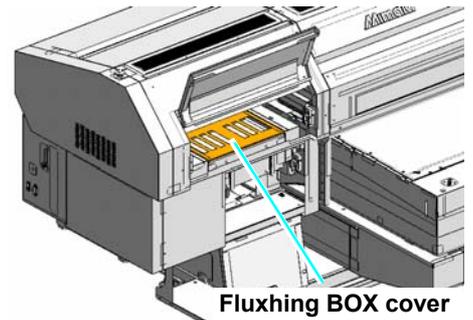
4

Move the carriage to the right.

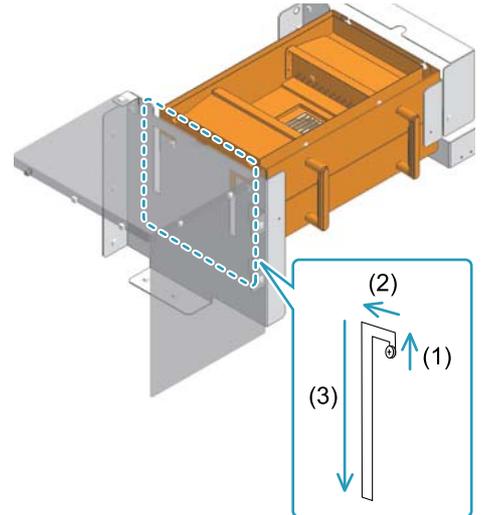


5**Remove the flushing box cover.**

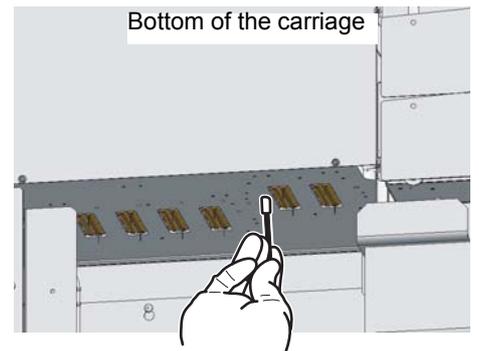
- Lift it up to remove.

**6****Bring down the flushing BOX.**

- (1) Lift it up slightly.
- (2) Push it into the rear side.
- (3) Bring it down.

**7****Move the carriage to the flushing position manually.****8****Dip the cleaning swab into the cleaning solution, and clean the side surface of the head.**

- Do not wipe the nozzle face of the head. It may cause nozzle clogging.
- To buy special cleaning swabs, contact a distributor in your district or our office.
- If ink adheres to the bottom surface of the carriage, wipe it off completely.



9

Set the covers and the tray removed at Step 4, 5 and 6.

10

Turn the power ON.

When the waste ink tray is full

Waste ink used for head cleaning gathers in the waste ink tank and the wiper tank. Periodically (every day) check the waste ink tank and when it is full, dispose of the ink.



- If you need a spare waste ink tray/tank, contact a distributor in your district or our office.
- Prepare a polyethylene tank to put in the waste ink.



- When ink is discharging such as for head cleaning, conduct the operation after the discharging is completed.
- Handle the waste ink tray/tank with care not to spill the waste ink.

Disposing of the ink in the waste ink tank

When the waste ink tank becomes full, the machine informs you of it by displaying the error message. If the error message is displayed, check the waste ink tank and discard ink of the waste ink tank according to the procedures below.

!WASTE INKTANK

1

Turn the power on.

- After initializing, <LOCAL> is displayed.

2

When <LOCAL> is displayed, press the **FUNCTION key.**

<LOCAL . 1>

3

Select the [MAINTENANCE] with the **▲ **▼** key, and press the **ENTER** key.**

FUNCTION
MAINTENANCE <ENT>

4

Select the [ST.MAINTENANCE] with the **▲ **▼** key, and press the **ENTER** key.**

MAINTENANCE
ST.MAINTENANCE <ent>

5

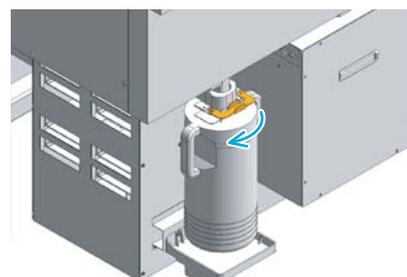
Select the [CHNG WASTE TANK] with the **▲ **▼** key, and press the **ENTER** key.**

ST.MAINTENANCE
CHNG WASTE TANK<ent>

6

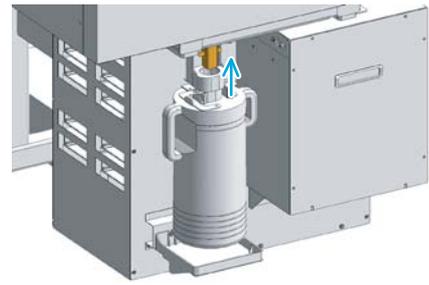
Release the fixing attachment of the waste ink tank.

- Open the fixing attachment to the direction indicated by an arrow in the figure.



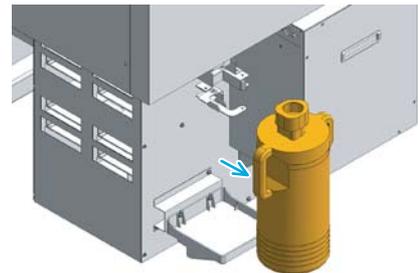
7

Lift up the duct inside the waste ink tank.



8

Pull out the waste ink tank.



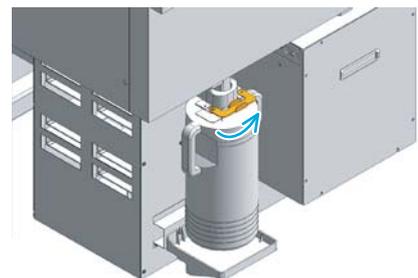
9

Pour the waste ink into the other polyethylene tank.

- Discard the waste ink in compliance with the bylaw.

10

Set the emptied waste ink tank to this machine.



11

Press the **ENTER** key.

CHANGE WIP TANK
COMPLETED : e n t

12

Press the **END** key to finish.

Important!

- If the error message on the right is displayed, you cannot perform cleaning, subtank maintenance, etc. Discard ink of the waste ink tank as soon as possible.

!WASTE INKTANK FULL

Disposing of the waste ink in the wiper tank

If the wiper tank is full, an error appears on the display.
When the error appears, dispose ink of the wiper tank immediately as follows.

WIPER TANK FULL

1 Turn the power on.

- After initializing, <LOCAL> is displayed.

2 When <LOCAL> is displayed, press the **FUNCTION** key.

<LOCAL . 1>

3 Select the [MAINTENANCE] with the **▲ ▼** key, and press the **ENTER** key.

FUNCTION
MAINTENANCE <ENT>

4 Select the [ST.MAINTENANCE] with the **▲ ▼** key, and press the **ENTER** key.

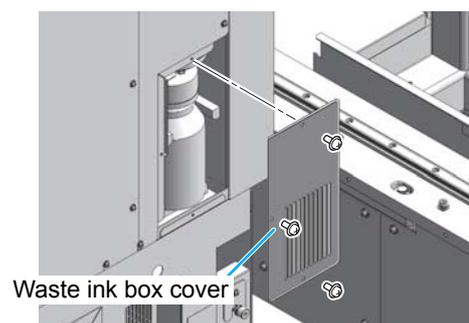
MAINTENANCE
ST.MAINTENANCE <ent>

5 Select the [CHANGE WIP TANK] with the **▲ ▼** key, and press the **ENTER** key.

ST.MAINTENANCE
CHANGE WIP TANK<ent>

6 Open the cover of the waste ink box. (Rear of this machine)

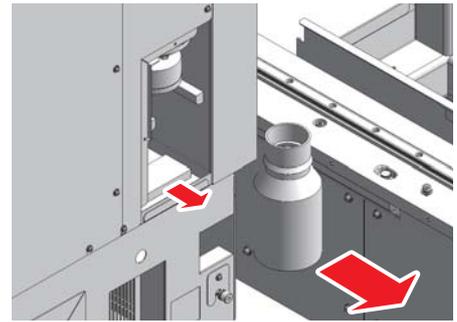
- (1) Remove the screws fixing the waste ink box cover.
- (2) Open the cover.



7

Take the wiper tank out, and dispose of the waste ink.

- Turn the tank holding the tank cover, take out the tank, and then dispose of the ink in the tank.
- Dispose of the waste ink pursuant to the regulations of your district.



8

Set the wiper tank.

- Turn the tank holding the tank cover, and close the tank cover.
- Fit the waste ink box cover.

9

Press the **ENTER key.**

CHANGE WIP TANK
COMPLETED : e n t

10

Press the **END key to finish.**

Cleaning of the UV lamp filter

To use this machine for a long time, clean the UV lamp filter at end of the day's work.



- Put on supplied goggles and gloves. Ink may splash into the eye.



- When a screw is dropped in replacing of the filter, contact a distributor in your district or our office.
- If the message on the right is displayed, clean the UV lamp filter as soon as possible.

MAINTENANCE WARNING
CLEAN UV LAMPFILTER

Tools	• Gloves	• Goggles	• Stainless tube brush
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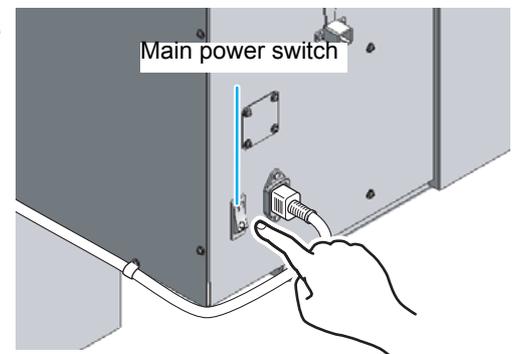
1

Put out the UV lamp and switch OFF the power.

- Press the power switch in the front of this machine.

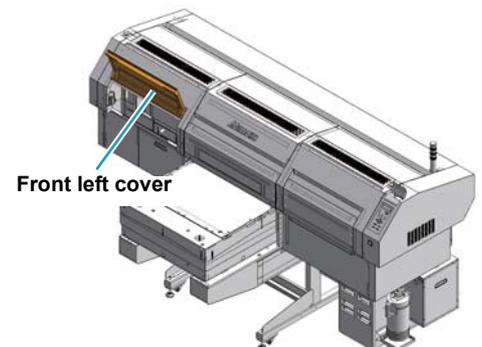
2

Turn the main power switch OFF on the side of this machine.



3

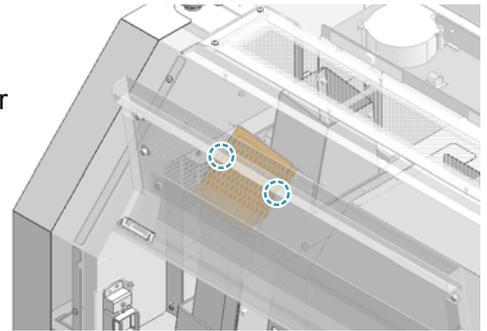
Open the front left cover.



4

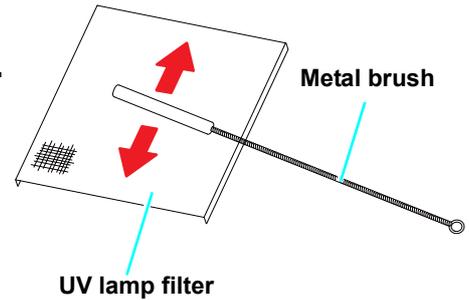
Remove the UV lamp filter.

- Remove the hand screw, and then remove the filter and the filter holder by moving them upward.



5

Scoop and drop mist polled in the UV lamp filter with the attached metal brush.



6

Attach the UV lamp filter and close the front left cover.

- Attach them in the reverse procedures of the Step 3 and 4.

Cleaning of the UV power supply filter

To use this machine for a long time, clean the UV power supply filter at start of the day's work.

Tools	• Waste cloth	• Vacuum cleaner	
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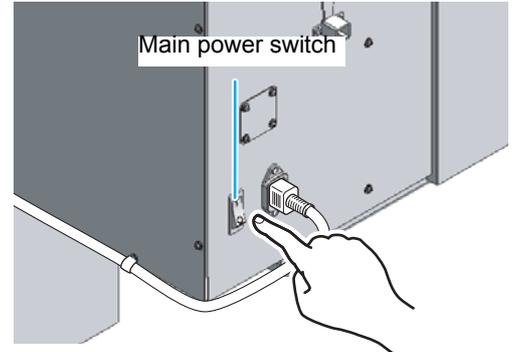
1

Put out the UV lamp and switch OFF the power.

- Press the power switch in the front of this machine.

2

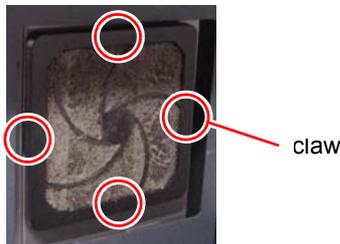
Turn the main power switch OFF on the side of this machine.



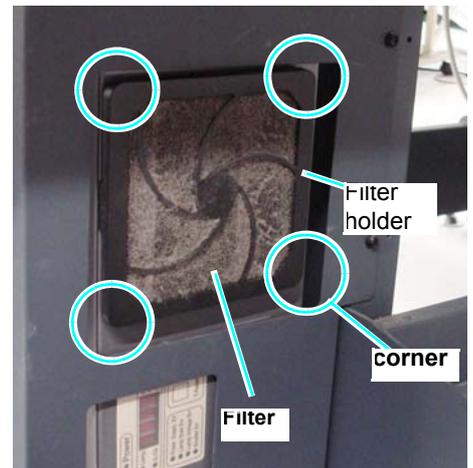
3

Remove the front filter of the UV power supply.

- (1) Put your fingers into four corners of the filter holder, and pull the filter holder to the front.
- (2) Remove the claws on four sides of the filter holder.



- (3) Remove the filter.



Important!

- The claws on four sides of the filter holder are tightened firmly. Fully be careful not to break the claws.

4

Use a vacuum cleaner to suc dust amd dirt from the filter

- Wipe off the metal mesh at the UV power supply side with a waste cloth etc.



Important!

- Clogging shall not be found.



It is clogged with dust.



Status without clogging



Do not wash the filter with water.

- Be careful not to make water or water drop go into the machine.
If water adheres to the filter, dry enough before using it.

5

Put the filter back in its origin position.

Cleaning of the optional vacuum unit filter

When you use the optional vacuum unit (OPT-J0270), clean the filter of it (once in a week, or, when absorption becomes weak).

Tools	• waste cloth	• Vacuum cleaner	
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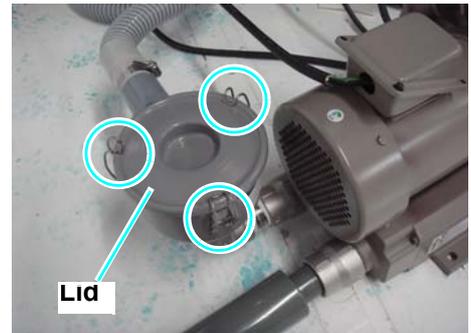
1

Turn OFF the power supply of the main body and the vacuum unit.

2

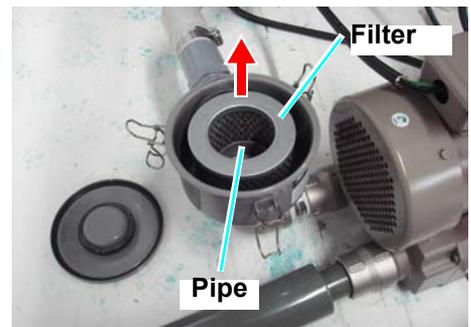
Remove the lid.

- Disengage the hooks and remove the lid.



3

Remove the filter.



Important!

- When removing the filter, be careful not to make dust and dirt go into the pipe.

4

Use a vacuum cleaner to suc dust amd dirt from the filter



5

Wipe off dust adhering to the lid with a waster cloth etc.

- If big dust adheres to the lid, absorption may become weak.



6

Put the filter back in its origin position.

- (1) Put into the filter and firmly close the lid. (The hooks will not engage unless the lid firmly closed.)
- (2) Engage the hooks

Important!

- If there is distortion or if it is not firmly closed, absorption may decline remarkably.



Do not wash the filter with water.

- Be careful not to make water or water drop go into the machine.
If water adheres to the filter, dry enough before using it.

How to store

Storage of Antifreezing Liquid and Washing Liquid

Be sure to store the Antifreezing liquid and the washing liquid in a cold and dark place.
Store the Antifreezing liquid and the washing liquid in a place that is out of the reach of children.

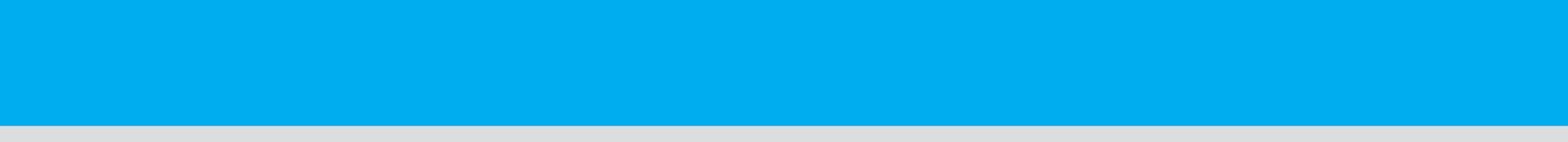
Storage of Media

Media should be stored in the little dust area, and not in direct sunlight. Avoid storing the media in the area with high temperature and high humidity.

Storage of Ink Cartridge

Store the ink cartridge in no direct sunlight, and in a dry place. Since it is a delicate product, do not drop it. The board on an ink cartridge (shown on the right) should not be contaminated and not discharge static electricity.







You can also download the latest manual from our website.

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