



Innovative brand in small sizes UV printers

# MAINTENANCE SCHEDULE

artis 3000U pro | artis 5000U

# 2020

## ABOUT THIS FILE

Thank you for spending your valuable time on reading this file.

This file is vital to your experience and safety, as well as proper maneuvering of artisJet printers in production. The contents herein will guide you through the maintenance procedures for the following artisJet cartridges printer models: artis 3000U pro B3 LED UV printer, and artis 5000U B2 LED UV printer.

The details herein introduce a maintenance schedule in four parts.

Please follow all the steps as instructed.

## TABLE OF CONTENTS

INTRODUCTION.....	2
1. Cap top and wiper maintenance / once a week.....	3
2. Print head and frame maintenance / once a week.....	3
3. Damper, wiper, and cap top replacement circle.....	4
4. UV cooling liquid refilling.....	5

## INTRODUCTION

During the daily use of the machine, the user should perform printer head cleaning two times a day after power ON and before power OFF to keep the print head in good condition.

Regular ink system maintenance and spare parts replacement can keep the printer in good condition.

Ink system maintenance steps are listed here below:

INK SYSTEM MAINTENANCE			
NO.	MAINTENANCE STEPS	FREQUENCY	USEFUL LINKS
1	Cap top and wiper maintenance	Once a week	<a href="https://drive.google.com/drive/folders/1bnvgzTBQOiF_v6WEN8-bzmBGIXXthQPH?usp=sharing">https://drive.google.com/drive/folders/1bnvgzTBQOiF_v6WEN8-bzmBGIXXthQPH?usp=sharing</a>
2	Print head surface and frame maintenance	Once a week	
3	Dampers replacement circle	Every 3-6 months	<a href="https://drive.google.com/drive/folders/1ClwnHfOoAydJ7ggcLgyqWzUniJec4pUZ?usp=sharing">https://drive.google.com/drive/folders/1ClwnHfOoAydJ7ggcLgyqWzUniJec4pUZ?usp=sharing</a>
	Wiper replacement circle	Every 6 months	<a href="https://drive.google.com/drive/folders/1NNdG46fhEYNWogUpjp7bmg_K8DzUFxS-?usp=sharing">https://drive.google.com/drive/folders/1NNdG46fhEYNWogUpjp7bmg_K8DzUFxS-?usp=sharing</a>
	Cap top replacement circle	Every 6 months	<a href="https://drive.google.com/drive/folders/1aefjFA_rebZn8h1zv7pDf_8zCbmdlKM5?usp=sharing">https://drive.google.com/drive/folders/1aefjFA_rebZn8h1zv7pDf_8zCbmdlKM5?usp=sharing</a>
4	Observe the UV cooling liquid level	Every 2 weeks	<a href="https://drive.google.com/drive/folders/12u65ccgCdO3p4jUV7B3QZ00dyclF5Hao?usp=sharing">https://drive.google.com/drive/folders/12u65ccgCdO3p4jUV7B3QZ00dyclF5Hao?usp=sharing</a>
	Refill the UV cooling liquid level	When level is less than 1/4	

# 1 Cap top and wiper maintenance / once a week

## Reasons to perform cap top and wiper maintenance

During head cleaning, the cap top and wiper are the main parts to work. The once a week cap top and wiper maintenance is necessary in order to avoid the dirty ink accumulation on the surface of print head and to keep and ensure the printing quality.



## How to perform cap top and wiper maintenance

After power OFF the printer, move out the carriage to middle position.

Use cloth and alcohol to wipe the rubber circle of cap top and wiper.

# 2 Print head and frame maintenance / once a week

## Reasons to perform print head and frame maintenance

If there is too much dirty ink on the cap top and wiper, it will affect the print head surface and frame as well. During printing, there will be unwanted ink drops on the print materials.



## How to perform the print head and frame maintenance

After power OFF the printer, move out the carriage to middle position.

Use cloth and alcohol to wipe the print head surface and frame.

Power ON the printer, the carriage can move back to its home position automatically.

**Notice:**

Please don't leave carriage to the middle position, the print head can be clogged easily if does not goes back to its home position.

# 3 Damper, wiper, and cap top replacement circle

## Reasons to perform dampers replacement every 3-6 months

The dampers are used to filter and store ink. If it is not replaced, ink sediment accumulates inside dampers. This can affect the printing results and also blocking the print head nozzles.

For damper replacement steps, please visit the link provided in the Ink System Maintenance table at the beginning of this file.

## Reasons to perform cap top replacement every 6 months

When the printer does not print, the print head and cap top are kept in a closed condition to avoid air and dust. When printer is working with ink flash function, the cap top can suck out the remaining ink inside print head's nozzles to get normal print results. If it is not replaced, the ink on the cap top can solidify, resulting into blocking the print head's nozzles and ink drying.

For cap top replacement steps, please visit the link provided in the Ink System Maintenance table at the beginning of this file.

## Reasons to perform wiper replacement every 6 months

The wiper's role is cleaning the print head surface. If it is not replaced, waste / dirt ink will accumulate on the wiper or its blade, and this will deform it and also affect the print result.

For cap top replacement steps, please visit the link provided in the Ink System Maintenance table at the beginning of this file.

# 4 UV cooling liquid refilling

## Reasons to refill the UV cooling liquid levels

The UV cooling liquid's main role is to cool and to keep at an optimal temperature of the UV lamp. Once the level is less than 1 / 4, a refill is needed. Not doing so, there is risk to overheat the UV lamp and the cooling pump and damage both.



## How to observe the UV cooling liquid levels

Make sure to check the UV cooling liquid every 2 weeks, by looking at the window placed on the right side of the printer's ink cartridges.



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