

UNINET DTF 1000 MAINTENANCE PROCEDURE

DAILY | WEEKLY | VACATION MODE

NOTE: These procedures are recommended in order to keep your UNINET DTF 1000 printer functioning at optimal performance and to minimize printhead clogs and ink smudges. If you do not follow these procedures and/or you suffer from a clog due to other circumstances (such as humidity or other environmental deviations), you will need to do additional CLEANING CYCLES and possibly a manual printhead flush (as a last resort) to help clean out any serious clog. Manual flushing should not be done INSIDE the printer, as any liquid spills on the printer electronics can cause damage to the printhead or printer boards. If a manual flushing is necessary, you should remove the printhead from the printer and carefully flush it over a sink and away from printer components and electronics. **DO NOT RUN YOUR PRINTER IF THE PRINTHEAD IS WET.** Manual flushing requires a 24 drying period before powering on your printer, or you risk shorting out the head and motherboard.

The UNINET DTF 1000 Maintenance pack includes:

6 x Maintenance Cartridges (filled with Maintenance Solution)

1 x Cartridge Holder

100ml Maintenance Solution (EXTRA)

100ml Capping Solution

100ml De-Plasticizing Solution

6 x Damper Plugs

1 x Rubber Band

Cleaning Buds & Swabs

1 x Syringe for Wet Capping

1 x Damper Suction Syringe





1 x Syringe for filling the Maintenance Cartridges (for future re-filling, cartridges come pre-filled to start)

1 x Instructions for DAILY, WEEKLY and VACATION MODE Maintenance



DAILY MAINTENANCE PROCEDURE

This daily maintenance procedure should be done EVERY DAY (recommended), or at the most every other day. If you leave the printer idle for more than 2-3 days, your printer / printhead nozzles may need deep cleaning. See separate procedure for deep cleaning if needed. If you intend on leaving the printer idle for longer than 2-3 days, please use the VACATION MODE procedure shown further down.

Before you start printing for the day	At the end of each day
<p>Run a manual WIMS for 5 seconds, which you can run on demand by pressing the toggle switch:</p>  <p>Video: https://youtu.be/n7xDrl3djX4</p>	<p>Clean the Wiper Blade with the use of De-Plasticizing Solution:</p>  <p>Video: https://youtu.be/ITONzYsYudo</p>
<p>Run a cleaning cycle, which you can run on demand by pressing this button:</p>  <p>Video: https://youtu.be/7w3BupWwpEs</p>	<p>Insert $\frac{3}{4}$ mm (just less than 1 mm) of <i>DTFPRO Capping Solution</i> into the Capping Station</p>  <p>Video: https://youtu.be/ITONzYsYudo</p>

WEEKLY MAINTENANCE PROCEDURE

In addition to the DAILY PROCEDURE, approximately once a week (depending on how much printing you're doing, less frequently needed if you print less often), you should also clean around the edges of the printhead with the *De-Plasticizing Solution*



Video: <https://youtu.be/guHJsUuN5iw>

NOTE: Do not use the De-Plasticizing Solution in the printhead and **avoid contact** with the bottom metal plate of the printhead, the De-Plasticizing Solution should be used only to clean up dried up ink from AROUND the printhead as shown in the above video.

VACATION MODE MAINTENANCE

“Vacation Mode” maintenance is defined as the procedure you need to follow if you intend on leaving your printer idle for more than 2-3 days, and up to 2-4 weeks. Such as if you're going on vacation. The items and components needed in this Vacation Mode Maintenance procedure are all included with the UNINET DTF 1000 Maintenance Pack.

BEFORE YOU GO ON VACATION:

Video: <https://youtu.be/J8vo1W5ROpc>

First, run a print head nozzle test to make sure you do not have any clogs. If the nozzle test shows any evidence of clogs (broken lines), run a cleaning cycle and repeat the nozzle test. Use cleaning solution if necessary to resolve any issues.



Repeat as needed. Then continue with the maintenance as follows:

1. Turn the printer OFF
2. Clean the Wiper Blade with the use of *DTFPRO De-Plasticizing Solution* (see the END OF DAY portion of the Daily Maintenance Procedure for a reminder)



3. Remove and plug the dampers with the included *damper plugs* to prevent ink leaks



4. Clean the printhead inlets using the *De-Plasticizing Solution* (make sure to use a separate Q-tip on each color inlet so you don't contaminate colors)
5. Insert the included *cartridge holder*



6. Remove the sealing plugs/tape from the breathing holes from the included *maintenance cartridges* (these are filled with *UNINET maintenance solution*). If you have used the maintenance cartridges before, make sure you insert them in the same order so that you do not contaminate any colors
7. Attach the included *elastic band* to create a compartment to house the dampers and tubes so that they are out of the way when the printhead carriage moves
8. Turn the printer ON
9. Run 3 cleaning cycles with the maintenance cartridges inserted

You can now turn the printer OFF with the maintenance cartridges inserted and go on vacation for up to 2-3 weeks.

WHEN YOU RETURN FROM VACATION:

Video: <https://youtu.be/J8vo1W5ROpc>

1. Remove the maintenance cartridges (and remember to seal the breathing holes, so you can prevent leaks and keep the cartridges for future use), remove the elastic band, unplug the dampers and plug the dampers back into the printhead inlet ports (make sure you clean and keep the plugs for future use).

If you accidentally leak ink out of the dampers, use the included syringe with damper purging nozzle and suction back new ink back into the damper(s) to fill them.



*Please note that if damper plugs are not totally cleaned and re-used in future on a different color inlet, **chances are that they will contaminate that color** resulting in having to replace dampers, so make sure that you fully clean them (submerging them in De-Plasticizing Solution will work well), and/or use the same plug that you had removed from a particular color on the same color next time again.*

2. Run a manual WIMS for 10-20 seconds
3. Run 3 cleaning cycles with the dampers/inks inserted (this will flush out the small amount of maintenance solution from your printhead and replace it with ink)

Run a print head nozzle test, if the colors are muted, this means there is still some maintenance solution left in the chambers/printheads, run another 1-2 cleaning cycles with the inks and this should replace the maintenance solution.