Proper Short-Term Storage of Your Direct Jet UV Printer

In the event that your Direct Jet UV Printer will be left idle for an extended period of time (≤ 30 days), please adhere to the following best practices for short term storage steps. If your printer will be left in an idle state for more than 30 days, please reach out to the Technical Support Team for long term storage instructions.

Best Practices for Short Term Printer Storage:

- Prior to entering into a short-term idle state, perform a nozzle print test. Store this print test as it will be used to compare and confirm that your printer is functioning properly following the idle period.

- Ensure that the printer remains powered on at all times, indicated by a yellow light on the printer control panel. Doing so will ensure that the white ink circulation pump continues to run while the printer is left idle.

- Note the age of the inks currently installed in your Direct Jet UV Printer and the date when those inks expire. All Direct Jet UV inks expire one year after the DOM (date of manufacturing) listed on each ink bottle label. The DOM is specific to each bottle of ink and therefore it's important to note the DOM for each ink color currently installed in your Direct Jet UV Printer. If one or more of the inks currently installed in your Direct Jet UV Printer will expire during or soon after the period of time that your printer will remain in an idle state, please reach out to the Technical Support Team for additional storage steps.

- Note the age of the capping station currently installed in your Direct Jet UV Printer. The capping should be replaced approximately 90 days once it comes into contact with UV ink. If necessary, install a new capping station in your printer prior to leaving the printer in an idle state in order to ensure that the capping station remains functional during the idle period.

- Ensure that the printer and ink operating, and standby requirements are met for both temperature (16°C - 26°C / 60°F - 80°F) and humidity (Non-condensing 20%-80%) while the printer will be left in an idle state. Failure to meet these requirements may be detrimental to the ink and result in damage to the print head and other major printer components.

- When you are ready to return your printer to production, begin by filling all of the ink tanks to full. Then, perform five initial charges in order to draw fresh ink from the tanks into the ink lines. Next, perform a nozzle print test. Compare the results of the nozzle print test to the test that was performed prior to entering the idle state. The results of those print tests should match and confirm that you are ready to resume production with your printer. If the results do not match, follow the nozzle recovery steps outlines in the Troubleshooting Nozzle Issues document, which can found on the DCS Download Database or by clicking the following link: https://www.directcolorsystems.com/wp-content/uploads/2019/06/DCS_Troublshooting_Nozzle_Checks_052219.pdf