

# Technical Note

<b>Date:</b>	Tuesday, 9 June 2020
<b>Applicable Equipment:</b>	Accutinter Dispensers (AT8000E / AT1500 / AT1500HS / AT1600 / AT1600HS)
<b>Subject:</b>	Start-up process following a prolonged idle period

This is a guide to help prepare the Accutinter Dispensers (AT8000E / AT1500 / AT1500HS / AT1600 / AT1600HS) to normal operation after a prolonged period of non-use.

Before trying to dispense colorant, please follow the steps below:

## Tools

- Paper towel / cloth / wet wipes for cleaning and/or to remove dried colorants
- Nozzle cleaning pick (included in the machine) or similar tool e.g. tooth pick
- Anti mould spray if appropriate
- Gloves and/or any other personal protective equipment recommended by site, employer, etc.

## Procedure

1. Check the machine is connected to power.
2. Start up the PC and Monitor and open Dispenser maintenance software
3. For the automatic nozzle system (AT8000E, AT1500HS and AT1600HS), open the nozzle closer from dispenser software, then clean nozzle, using a pick (as per normal daily maintenance procedure)
4. For the manual nozzle system, (AT1500 and AT1600), open the nozzle closer manually, then clean nozzle each opening, using a pick (as per normal daily maintenance procedure)
5. Clean nozzle cup and dampened sponge with water, then close nozzle
6. Open the canister lid one by one and check the colorant condition. If colorant is hardened, thickened or mould has grown, take appropriate actions. You may need to contact the colorant supplier / paint supplier for further instructions
7. Start agitation from the dispenser software
8. While dispenser is agitating, open the canister lid one by one and check if the stirrer blades are turning.
  - a. If none of the stirrer is turning, the agitation did not start successfully. You may need to consult with your service contact
  - b. If some stirrers are turning but others are not, the motor may be faulty or other issues exist. You may need to consult with your service contact.
9. From the dispenser software, go to the "Fill canister / Refill" option, and check each canister to ensure sufficient amount of colorant is in the canister. Also ensure that the software reflects the correct amount
10. From the dispenser software, and conduct "Purge" from each pump. Pay a good attention during this process, and if any error occurs, you may need to consult with your service contact.
11. Go to the "Manual Dispense" option of a dispenser software, and dispense about 50ml from each pump. Pay good attention during this process, and if error occurs, you may need to consult with your service contact. Also, observe the nozzle cluster area during the dispensing operation:
  - a. To see if colorant is dispensed in an angle. If so, clean the nozzle cluster with a pick to remove dried colorants. Test again and ensure that the colorant is dispensed straight down
  - b. To see if any splattering occurs. If so, it is possible that there is unwanted air in the system. You may be able to eliminate the air by conducting large dispense (approx. 200ml). Test again and ensure no splattering occurs
12. Check and clean the nozzle cup again.
13. Conduct a formula dispense as a test. Check if all peripherals are working (e.g. label printer, spectrophotometer). If any issues, consult with your product supplier / service contact.