

Technical Note

Date:	Tuesday, 9 June 2020
Applicable Equipment:	Blendorama (BM) / ColourWheel (CW) Manual dispensers
Subject:	Start-up process following a prolonged idle period

This is a guide to help prepare the Blendorama (BM) & ColourWheel (CW) manual dispensers 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
- Anti mould spray if appropriate
- Screwdriver (to remove canisters)
- Gloves and/or any other personal protective equipment recommended by site, employer, etc.

Procedure

1. Visually check the machine for any obvious abnormalities.
2. 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
3. Check the machine is connected to power supply and switched on.
4. Start an Agitation cycle:
 - For ColourWheel (CW) turn the manual agitation knob
 - For Blendorama (BM), lock turntable and cycle the power off and on

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, you may need to replace the stirrer pin or take other actions. You may need to consult with your service contact.
5. Lift the red and black gauges, and check if they are clean.
 - a. If a gauge has colorant on it, this means the piston seals are worn. Replaced the seals, or consult with your service contact
 - b. Check both red and black gauges lock into place correctly without sticking.
 6. Check for any signs of leaks around the valve area. Leak would indicate worn / damages seals. Replace seals. The areas to check are:
 - a. Around Sniff back piston
 - b. Around valve stem
 - c. Between valve and canister
 - d. Refer to instruction manual on how to correct these leaks.
 7. Check and clean all Wiper pads. Replace if broken or missing.



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8. Clean all nozzles, using paper towel or wipes (as per normal daily maintenance procedure)
 - a. Then remove each nozzle and check o-ring is there and in good condition. If damaged or worn, replace the o-rings
 - b. Check nozzles are not blocked, clean out or replace as required.
9. Check all Valve Springs, replace any that are broken or missing.
10. Test and purge each valve operate correctly. If any are stuck, you may need to consult with your service contact
11. Check all canisters for the colorant levels and top up as required.
12. Purge all pumps
13. Manually dispense either 2Y or 5Y (depending on the pump size) using both the inner and outer pumps from each canister, visually check no splattering occurs (indicates air in the pump), repeat process until no splattering occurs.
 - a. If pump is stuck, or air cannot be removed, you may need to consult with your service contact.
 - b. Visually check the dispensed colorant, if condition is ok, you may add back to the canister, otherwise dispose

