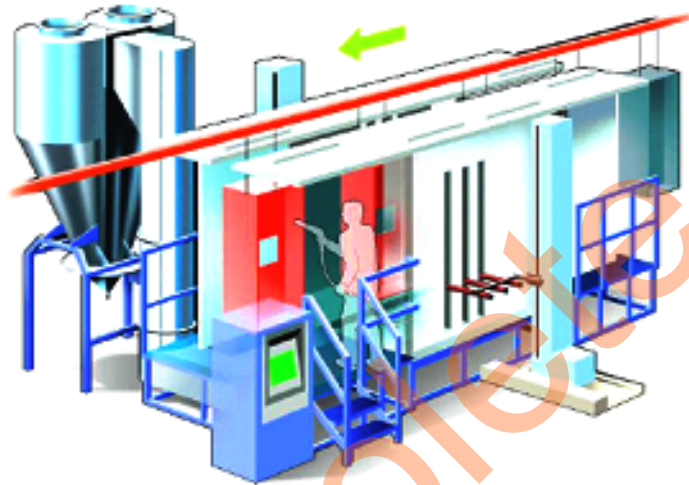


ColorMax³™ Colour Change Procedure – Prodigy



Qualified Personnel

Equipment owners are responsible for making sure that Nordson equipment is serviced by qualified personnel. Qualified personnel are those employees or contractors who are trained to safely perform their assigned tasks. They are familiar with all relevant safety rules and regulations and are physically capable of performing their assigned tasks.

Regulations and Approvals

Make sure all equipment is rated and approved for the environment in which it is used. Any approvals obtained for Nordson equipment will be voided if instructions are not followed.

NOTE: Breathing in certain airborne dusts (including finishing powders) may be hazardous to health. Ask the powder manufacturer for a Material Safety Data Sheet (MSDS) for information. Use appropriate Personal Protective Equipment.

2 ColorMax³™ Colour Change Procedure – Prodigy

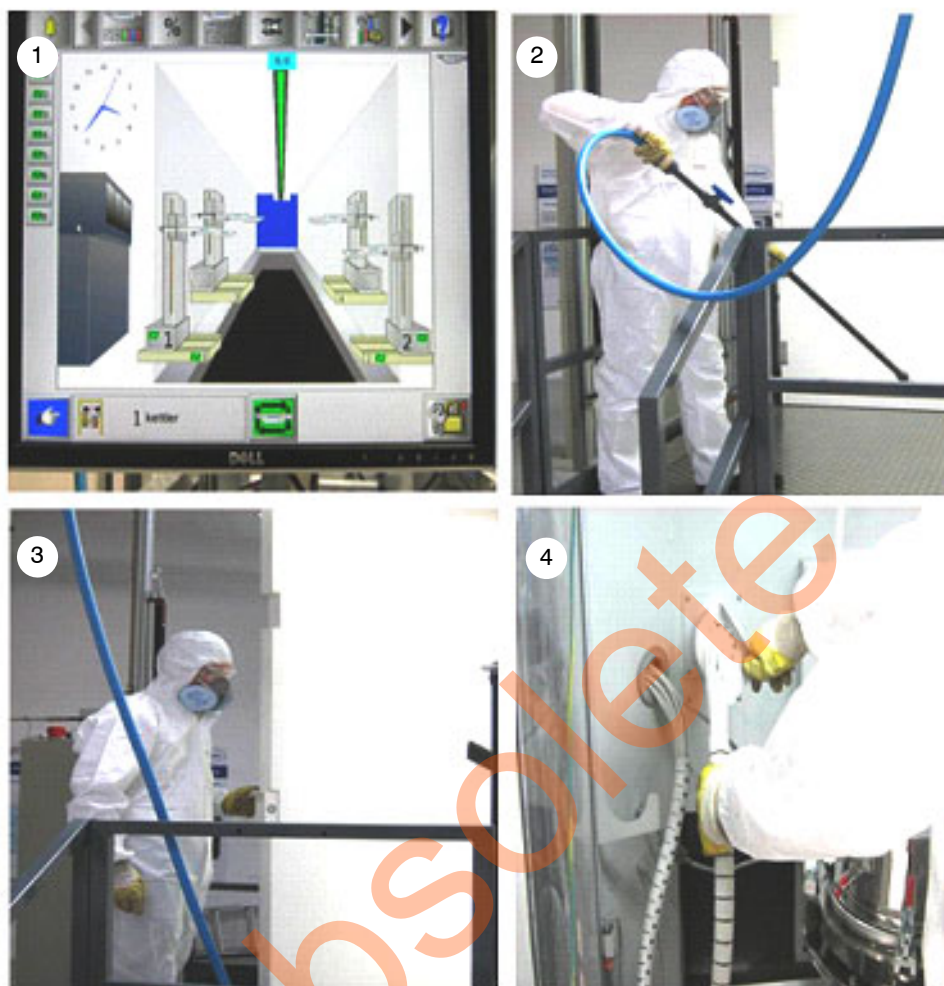
- Leave the guns spraying until the last product passes the spray guns



Figure 1 ColorMax³™ in operation

- Wait until the products are outside the booth
- Turn the spray guns off at the gun controller
- Always refer to gun controller manual



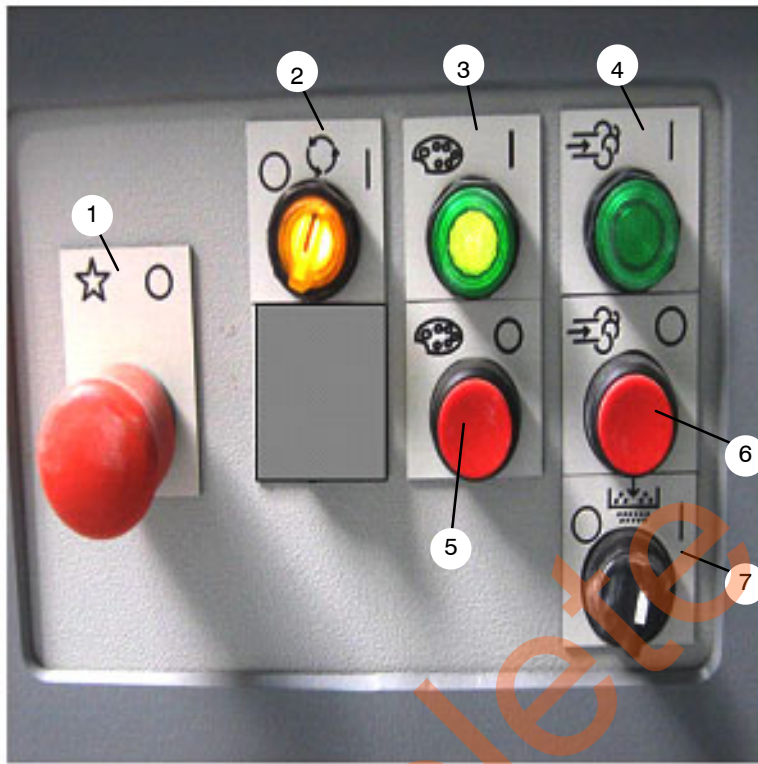


1. System iControl is in automatic mode
2. Clean the door platform
3. Close the booth doors
4. Blow off the exterior of the Prodigy Powder Port Lance and lock it in the suction wall of the Powder Port!

4 ColorMax³™ Colour Change Procedure – Prodigy



1. Start the gun purge process by pushing the color change button
2. After the first purges the inside cleaning of the booth can start
3. Start the pump purge sequence
4. Clean the cyclone doors and Hopper



- 1. emergency button
- 2. on/of high cap pump powder
- 3. start automatic color change
- 4. start pump purge
- 5. stop color change sequence
- 6. stop recycling pump sequence
- 7. stop sieve vibration

6 ColorMax³™ Colour Change Procedure – Prodigy

NOTE: The canopy of your ColorMax³™ booth is constructed of a special material with certain properties optimized for easy color change.

- Only use low pressure compressed air to clean the booth surfaces.



- Do not use any other materials or tools to clean the booth surfaces.

NOTE: These guidelines do not apply to the booth **conditioning** process which is described in another document.

- Blow down the outside of the guns (automatic and manual)
- After the pulsing has finished manually clean the back of the gun nozzle
- Clean the walls and roof of the booth with the blow lance taking care not to scratch any surface and do not touch the booth walls
- Clean the booth base using the blow lance taking care not to scratch



Figure 2 Cleaning process

8 ColorMax³™ Colour Change Procedure – Prodigy

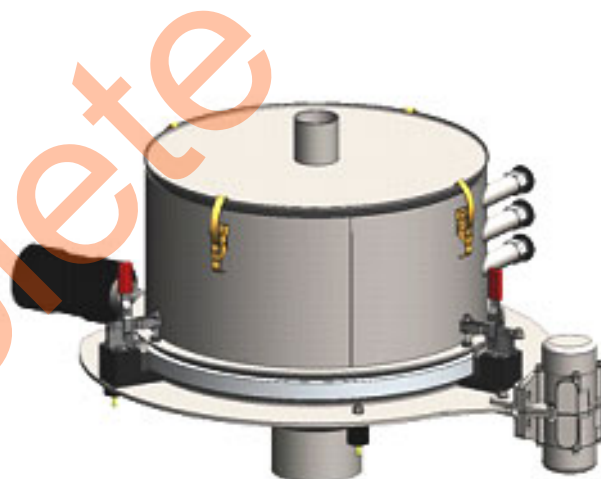
- Open the duct door and clean, also clean inside the duct and the inlet to the cyclone.
- If required wipe with a damp cloth the inside of the cyclone.



1. Start the cyclone purge sequence to clean the recycle hose.
2. Open the surge hopper and blow clean, ensuring the underside of cyclone is also clean.
3. Open and clean the inspection doors.



- Remove the box of powder / hopper from the Powder Port.
- Manually clean the sieve using the hand blow gun.
- Clean down the rest of the Powder Port.
- Load the new powder.
- Always refer to Powder Port manual.



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