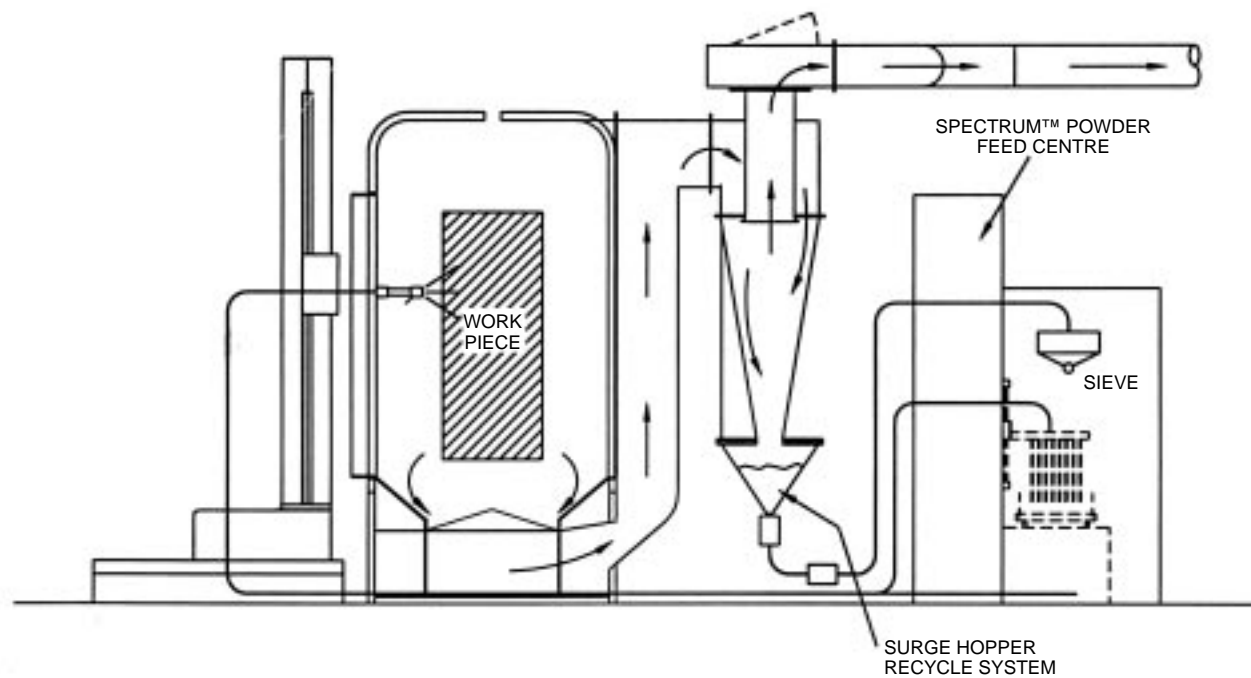


Typical Colour Change Sequence

TILE ELAPSED	OPERATOR ACTIVITIES
+3 minutes	Lift pump arm into "up" position. Move box under sieve. Clean syphon tubes. Put pump arm into "down" position. Purge and clean powder application equipment.
+3 minutes	Blow clean booth.
+2 minutes	Wait for recycle powder to end. Remove powder box. Reverse purge transfer hose. Clean sieve.
+2 minutes	Clean cyclones, surge hopper. Clean down whole of the colour centre. Start system on new colour.
Total = 10 minutes	

This is a theoretical example, actual time taken more or less dependant on the size of the booth and the number of guns.



Nordson reserves the right to make design changes to products and components to improve their function. These changes may occur between catalog printings.

For more information, talk with your Nordson representative or contact your Nordson regional headquarters office.

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ColorMax® FAST COLOUR CHANGE

A Powder Spray Booth for a complete colour change in minutes



Nordson **ColorMax**® For Colour Change in Minutes

The Nordson **ColorMax**® is a new concept in powder application and recovery, being designed to meet customers' demands for ever faster colour change with a minimum of manual involvement.

A typical **ColorMax**® System with the Spectrum™ Powder Feed Centre System can be colour changed in minutes.

Features & Benefits

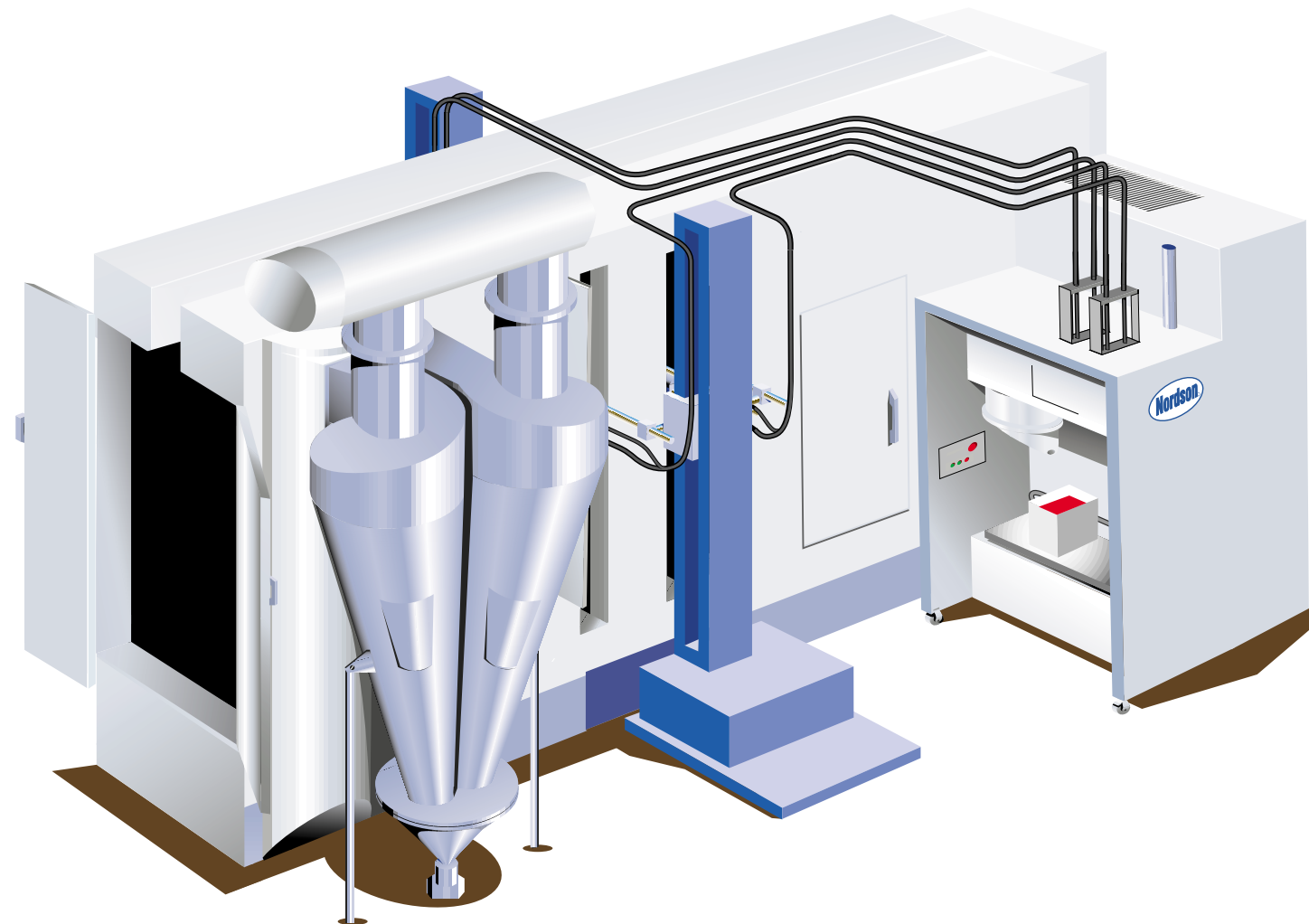
Compact Design: Requires less floor space and less surface area to clean.

Safety: The stainless steel booth floor ensures the Operator is grounded during cleaning.

Cleanability: Unique patented design facilitates complete cleaning (Fig. 1) without cross-contamination of colours, incorporating easy to clean cyclones (Fig. 2).

Efficiency: The engineered anti-static booth construction results in higher transfer efficiencies and reduced powder consumption.

Advanced Engineered Materials: Sandwich construction from high dielectric strength plastic to minimise attraction to the booth.



System Options

Automated Feed System Cleaning in conjunction with a Spectrum™ Powder Feed Centre (Fig. 3). This pumps powder directly from the suppliers' box to the guns. Additionally, the Spectrum™ Powder Feed Centre will automatically clean the pumps, hoses and guns in 3 minutes or less.

Automated Gun Cleaning externally, is available, leaving the Operator to do little manual cleaning and change the material container for the next colours - after cleaning the booth interior.

Minimum Powder Retention within the system minimises waste and speeds colour change. This is enhanced by the unique Nordson AeroDeck™* Air Distribution System and the optional AeroWash™* Base Cleaning System (illustrated in Fig. 4), which utilises a pulsed air wash to remove settled powder into the air stream.

Automatic Recycle may be accomplished via a recycle system which returns the powder to the Spectrum™ Powder Feed Centre, where it may be sieved before re-use.

System Controls: PC/PLC controls are available to provide varying levels of automation. Automatic part detection, powder flow control, product recipes, on-line manual data logging are all available.

*patents pending



Fig. 1 AeroDeck Extract Deflector



Fig. 2 Automatic Surge Hopper Lift Mechanism



Fig. 3 Spectrum™ Powder Feed Centre

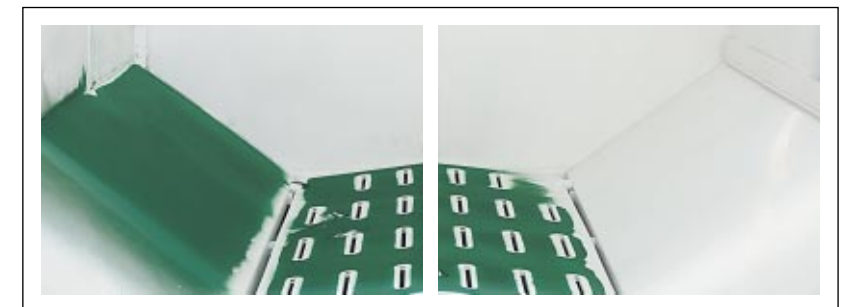


Fig. 4a Base Cleaning System without AeroWash

Fig. 4b Base Cleaning System with AeroWash