

Spectra™ Link Controller

High-precision adhesive pattern control in a flexible platform

Save adhesive and easily operate all Nordson solutions from a single, intuitive user interface.

Features

- High performance operation
- Consistent quality in adhesive output
- Easy integration into parent machine
- Easy to learn, short training time
- Detailed diagnostics
- Advanced circuit protection
- Multiple PLC connectivity options
- On-screen troubleshooting tips
- System security with password protection

Improved Connectivity

The Spectra Link pattern controller saves adhesive while optimizing your packaging operations. This intelligent controller saves valuable learning and training time for busy facilities operating multiple lines with limited resources.

Easily integrate the controller with the parent machine PLC, or using Nordson's BBconn composite system. The BBconn system allows for easy operation of all Nordson packaging equipment from the Spectra Link touchscreen, as well as remote control operation from mobile devices, giving you easy oversight of your line, anywhere and anytime.

The flexible machine design allows Spectra Link components to be easily mounted, with the touchscreen and controller placed separately, when needed, for improved safety and accessibility.



Precision Pattern Performance

Touchscreen pattern programming allows operators to visually observe the adhesive pattern on-screen prior to application, while complete system status is displayed in real-time right on the home screen.

Minimize product changeover time by taking advantage of the 50-recipe memory storage capacity. Pattern flexibility supports a wide variety of applications, with up to eight trigger inputs, eight pattern channel outputs, 24 beads per channel and an array of pattern types including: dotted, stitched, random length, and mirrored.

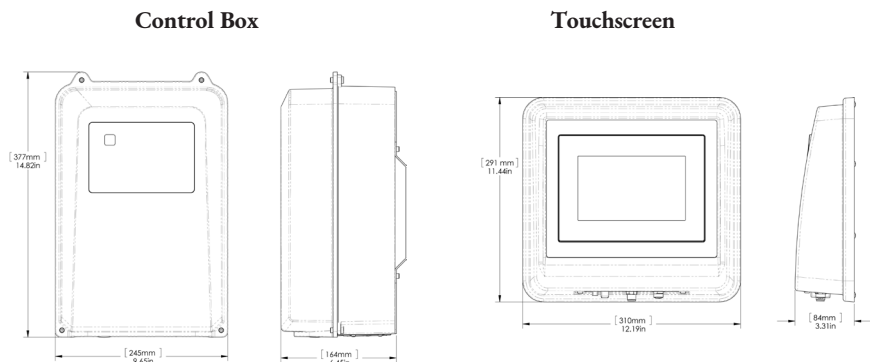
Easily back-up system settings for safe storage. Convert a time-based system to a distance-based system when variable line speeds become a requirement. Add other features like pressure run-up and remote recipe recall whenever they are needed without any hardware changes.

Specifications

Standard System Configurations	Time Mode, Distance/Encoder mode
User Interface	LCD Touchscreen, wifi for handheld device, PLC HMI, PC with browser
Independent Pattern Channels	4 channels, 24 beads per channel (8 channels optional with kit)
Independent Trigger Inputs	4 independently assignable (NPN, PNP or line driver) (8 channels optional with kit)
Pattern Resolution/Accuracy	1 mm or 0.1 inch
Pattern Types	Normal, dotted, random length Special pattern types available through additional license. (EcoBead, random length mirror, random length dotted, autodot, and continuous)
Encoders	1 (quadrature or pulse, 24 VDC, 250 mA max.) 2 encoders optional with kit
Pressure Run-up Outputs	2 (4-20 mA and 0-10 VDC)
Digital Input/Outputs	Ready Output (24 VDC, standard) System Disable Input (10-30 VDC, Standard) Optional Legacy IO Board adds: 8 inputs for remote recipe selection and purge (10-30 VDC) 2 outputs for Alert and Fault conditions (24 VDC) 1 Machine Stop Output (SPDT contact 240VAC, 2A Max) 1 Feed Stop Output (SPDT contact 240VAC, 2A Max)
Parent Machine Integration	Ethernet IP, Profinet, and Modbus TCP protocols supported
Recipe Memory	Up to 50 recipes
Input Voltage	100-240 VAC 1 Phase 50/60Hz, 1.7 Amp Maximum
Ambient Temperature Range ¹	0 to 50°C (0 to 122°F)
Enclosure Rating	IP54
Wifi	Accessible with optional kit

Dimensions

in. (mm)



CE
UL/CUL