IoT. Analytics. Integration.

Leading the Industry Through Innovation

Nordson

At Nordson, we employ the latest technology to help improve industrial operations. Our Parent Machine Integration (PMI) Starter Kit makes integrating ProBlue® and ProBlue Liberty® melters into parent machines fast and easy. This all-inclusive Starter Kit is a powerful tool that provides connectivity, remote access and valuable analytics.

Industry Innovators

Flexible, Customizable and Intelligent

The PMI Starter Kit allows each melter to have its own customized and intuitive operator panel on the parent machine's user interface. Once installed, the operator can monitor and control all Nordson equipment remotely, making operations safer and more efficient.

- Minimizes the need to access equipment directly
- Provides centralized control area with easy-to-use interfaces
- Increases design flexibility
- No discreet I/O for lower cabling costs

Supporting Complex Packaging Equipment

Nordson fully understands the needs of our customers. Manufacturers need to harmonize a wide range of products to meet very specific needs. And they require intelligent solutions that can integrate flawlessly.

The PMI Starter Kit streamlines the integration of Nordson® products to help simplify the design process for end-of-line packaging operations. Once integrated, you can receive immediate, remote access to the Nordson product, and minute-to-minute details on the status of the equipment.

Save Time, Save Money

The Nordson PMI Starter Kit reduces PLC programming time from over 50 hours to less than a day, and in some cases, less than an hour. The user-friendly "drag and drop" feature allows the Nordson melter to communicate with machines instantly. The PMI Starter Kit includes the following support documentation that will put PLC programmers at ease:

- A quick start guide with a demonstration video for step-by-step guidance
- Add on instructions (AOI) for supported Allen Bradley PLC systems
- Libraries for supported Siemens PLC systems
- Example HMI and PLC code for easy custom integration
- Intuitive tags for all available melter data

Making Work Easy

The Value of IoT Data Analytics

Nordson recognizes the importance of data gathering to make the best decisions for the best performance. The PMI Starter Kit allows you to gather critical data that will help you:

- Meet efficiency targets
- Minimize downtime
- Immediately assess failure modes
- Improve production output

When PMI is paired with Nordson's Adhesive Tracking System (ATS) customers can also monitor and manage adhesive output for additional cost savings.

Technical Information

To use the PMI Starter Kit, the Nordson ProBlue or ProBlue Liberty melter will need one of the following interface card kits installed:
- Ethernet/IP
- PROFIBUS
- PROFINET

The PMI Starter Kit is compatible with the following tools and PLC Systems:

Allen-Bradley RSLogix5000
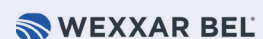- ControlLogix
- CompactLogix

Siemens Step7
- S7-400
- S7-300
- Importable to TIA Portal for S7-1500 and S7-1200

CODESYS based systems such as:
- Schneider
- Lenze
- Eaton
and many others.

WEXXAR BEL

Wexxar Bel, a leader in case, tray forming and sealing machinery solutions, found the Nordson PMI Starter Kit to be very helpful. The Starter Kit made integration easier and was convenient for the developer. "With this integration, the operator's job on the line is greatly simplified," says Jack Liu, PLC Engineer at Wexxar.

bpa blueprint automation

BluePrint Automation, a worldwide leader in packaging automation, was able to complete integration in one hour using the PMI Starter Kit. "We love the Ethernet option," says Chung Chee Tai, VP of Engineering at BluePrint Automation. "We used Nordson's sample HMI screen, which helped speed up the integration."

"We love the Ethernet option."

—Chung Chee Tai
Vice President of Engineering

Worldwide Service and Support

Integrating your Nordson melter using our PMI Starter Kit is just the beginning. Nordson helps protect your investment with exceptional people, programs and service to keep your equipment in peak operating condition. For your satisfaction, Nordson solutions are backed by a Package of Values® that includes:

• Locally-available Service Network

• TrueBlue™ Service & Preventive Maintenance Plans

• Global Service & Distribution Centers

• Repair & Exchange Programs

Photos on cover (BR) and page 3 (L) courtesy of Kimberly Wittlieb

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