



## ProBlue Flex Melter with BBconn Controls Transformational Technology from Nordson.

Nordson is proud to introduce a dynamic new platform for precision adhesive dispensing. ProBlue Flex melters are the next generation of intelligent technology from a global leader in innovation. This modular, scalable solution gives users more flexibility, improved precision, better connectivity, and complete machine integration.



# A modular, scalable solution.

The ProBlue Flex melter from Nordson is advanced technology that adapts to any operation with ease and simplicity.

The ProBlue Flex from Nordson is the answer to today's dynamic manufacturing environment. As industries shift, and change accelerates around us, there is a need for constant adaptability.

Nordson's new platform is built on the trusted, long-standing legacy of the ProBlue series melter, and purposefully manufactured to fit your ever-evolving needs. Depending on your unique requirements, you can choose from factory options direct from Nordson, or smart and simple field upgrades, supported by Nordson's seasoned technical support representatives.

- Fast warm-up time for increased productivity
- Tankless melt-on-demand or tank system
- Wide range of user interface options
- Remote monitoring and operation of complete system
- Support of common global voltages
- 2-, 4-, 6-, or 8- hose and applicator capacity
- Use any form of adhesive from pellets to bricks

This is just the beginning. The ProBlue Flex features our new BBconn Controls platform that will provide you with connectivity, remote accessibility and the data you need to meet your continuous improvement goals.



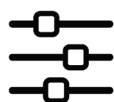
# Dispensing Accuracy.

The ProBlue Flex melter brings together all of Nordson's most intelligent adhesive application technology for data-driven precision that is honed to meet your unique requirements. This ensures consistency in the correct amount of adhesive all of the time.



## Adhesive Tracking System

A fully-outfitted ProBlue Flex melter is built with our industry-leading, integrated Adhesive Tracking System (ATS), giving you the ability to measure and monitor adhesive volume with ease. A base-level ProBlue Flex can be upgraded with an ATS kit in a manner that is quick and seamless. The ATS flow meter directly measures adhesive volume. If too much - or not enough - adhesive is dispensed, the system can automatically stop the line or signal a light tower.



## Easy Settings and Recipes

The ProBlue Flex system features an intuitive user-interface that makes set-up and operation effortless. The system can save up to 100 recipes that can be recalled as needed. Settings and recipes can be accessed or updated remotely through the main machine's PLC control panel, eliminating the need for operators to access the machine for change-over.



## Remote Pressure Set and Control

Using the optional electronic pressure regulator, changes to adhesive add-on can be password protected or set remotely via the PLC. With the ProBlue Flex melter, users can easily set pressure limits that will trigger an alert notification if the system pressure goes out of bounds.



## Electronic Pressure Run-up

Electronic pressure run-up allows pressure to ramp up with line speed, enabling the same amount of adhesive to be dispensed for each product.

## The global industry standard just got better.

The ProBlue Flex melter leverages our ProBlue legacy and improves upon it. Nordson's ProBlue series is recognized around the world as the leading standard for precision adhesive dispensing. It is known for its robustness, its longevity and its consistent reliability, and these qualities cement our reputation as an industry leader in innovation and technology. The ProBlue Flex builds on this reputable foundation with even more dynamic features:

- Drop-in replacement for ProBlue melters
- Improved energy efficiency
- Faster warm up
- Improved diagnostics
- Multi-language interface
- Password protected user interface



# Built for connectivity - Designed for the future

The ProBlue Flex melter is built on **Nordson's New BBconn control system**. This dynamic new platform opens the door to complete machine integration, which means users can now operate all equipment from a single interface. The BBconn control system allows Nordson's equipment to easily **communicate** with parent machines and other devices. The new platform's connectivity options fully support your **IoT and Industry 4.0** needs, including Nordson's new BBconn Cloud. This new platform allows for full **remote operation**, advanced diagnostics, real-time oversight, the data and analytics needed for continuous improvement.

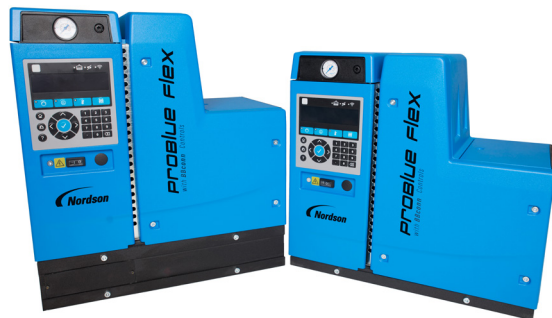


# Seamless Integration.

## Easy Connectivity

Nordson's new **BBconn control system** makes the ProBlue Flex melter easy to learn and easy to operate. The intuitive, multi-language user interface eliminates the need for an extensive operator training and creates a solution that will increase workplace flexibility.

- Extensive connectivity options
  - Wireless operation via phone or tablet
  - Multiple remote system I/O options
  - Integrated Industrial Ethernet options (Ethernet IP & Profinet)
  - Remotely mounted touchscreen
- Plug and play upgrades
- Manage equipment settings
- Store and analyze history logs
- Enhanced equipment support and remote maintenance
- Advanced reporting and machine analytics



## Physical Integration

The new ProBlue Flex melter is designed for drop-in compatibility; this means the size and shape of the new ProBlue Flex melter will fit into the same space allotted for your current system. The compact footprint of the ProBlue Flex melter ensures easy physical integration and the connectivity gained with BBconn control system allows for remote operation. This combination of a thoughtful physical design and an intelligent control system greatly improves the overall user experience. Full integration is achieved by using an automated filling system, remote electronic pressure setting, and one of the many remote user interface options.

## Industry-leading safety.

The ProBlue Flex melter meets the highest safety standards for a complete touch-safe experience. The melter is fully covered, limiting exposure to hot surfaces, and offers optional lid-lock for additional protection. It features updated security elements, such as password protection, so the correct settings can be maintained without interference from individual operators. This ensures that safe pressure and heating settings are maintained whenever the melter is in operation.

In addition, BBconn Controls, which allow for remote operation, eliminate the need to adjust settings on the melter itself. Almost all operations can be handled from the control panel on the parent machine or from a remote device. This limits direct interaction with the machine for the safest user experience yet.





## Worldwide Service and Support

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 and distribution centers
- Repair and exchange programs



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