



Embrace the New: Adhesive Excellence with the VersaBlue® II Melter

The VersaBlue® II Melter excels in precision, efficiency, and seamless integration. Its advanced connectivity and diagnostics guarantee reliable performance and streamlined operations. By ensuring consistent dispensing, simplifying maintenance, and optimizing energy use, the VersaBlue® II is perfectly equipped to meet the demands of today's competitive market.

Transforming Adhesive Dispensing Challenges into Opportunities

In the adhesive dispensing industry, challenges such as inconsistent dispensing accuracy, complex maintenance, high energy consumption, and slow production lead times can significantly impact efficiency and quality. Solutions that ensure precise adhesive application are essential to remain competitive.

VersaBlue® II tackles these issues with cutting-edge technology. It streamlines maintenance and diagnostics to minimize downtime, enhances thermal insulation for better energy efficiency, and reduces operational costs. Standardization speeds up lead times, helping manufacturers meet customer demands more efficiently and stay ahead in the market.

Challenges

- Inconsistent dispensing accuracy
- Complex maintenance and high energy consumption
- Slow production lead times and difficult integration

Solutions from Nordson

- Precise adhesive application
- Simplified maintenance and improved thermal insulation
- Standardization and advanced connectivity (EtherCAT, OPC UA)

Benefits for the Customer



**Reduced waste
and enhanced
production quality**



**Minimized downtime,
lower operational costs,
and increased sustainability**



**Faster production cycles,
seamless integration,
and future-proof technology**

Introducing Adhesive Excellence with the VersaBlue® II Melter

In the ever-evolving adhesive dispensing industry, Nordson's new melter VersaBlue® II brings transformative changes to adhesive application processes and setting new standards for performance and reliability.

Cutting-Edge Control Technology and Seamless Integration

The melter is equipped with state-of-the-art control technology that ensures **precise gear metering and variable-speed drives**. This advanced system guarantees consistent adhesive application, crucial for maintaining high-quality standards in various demanding applications. By delivering accurate and reliable performance, it helps reduce waste and improve overall production efficiency.

One of the standout features is its advanced connectivity options. Supporting EtherCAT and OPC UA, it allows for **seamless integration** with existing systems and enhances fieldbus communication to parent machines. This future-proof technology and the newly created control system ensure that the VersaBlue® II remains compatible with future innovations and industry standards and is therefore open to technological expansion. By facilitating easy integration and communication, it helps streamline operations and enhances overall productivity.

Energy savings of up to 10 percent

Reduced production lead times

Faster production cycles

“The VersaBlue® II makes adhesive dispensing much smoother for our customers. It is efficient, reliable and future-proof and ensures that they stay ahead of the competition.”

Lutz Müller, Product Line Manager
Nordson Global Nonwovens



VersaBlue® II: Always Ready for Your Operations

Boosting Energy Efficiency and Simplified Maintenance

Designed with improved thermal insulation, the melter enhances energy efficiency, enabling **energy savings of up to 10 percent**. This feature helps reduce operational costs by minimizing energy consumption. Additionally, the improved insulation contributes to a more sustainable operation, aligning with environmental goals and reducing the overall carbon footprint of the production process. Maintenance and diagnostics are simplified with the melter's modern diagnostic capabilities. Intuitive controls and advanced diagnostic features allow for **easy system monitoring and quick identification of issues**. The improved access to the pump area facilitates easier handling and maintenance of pumps, ensuring quick and efficient exchanges when necessary. Better-organized electrical cabinets further streamline maintenance, reducing downtime and enhancing overall productivity.

Accelerated Production and Preserving Adhesive Quality

Standardization is a key aspect of the new VersaBlue® II that helps **reduce production lead times**. By streamlining processes and lowering variability, it enables faster production cycles. This improved responsiveness to market demands allows manufacturers to meet customer needs more effectively and stay competitive in a fast-paced industry.

The melter utilizes a progressive melt design that minimizes adhesive degradation. This ensures that the adhesive maintains its quality throughout the dispensing process, resulting in **high-quality output**. By reducing the risk of charring and degradation, it helps maintain the integrity of the adhesive and the final product.

Expand Your Capabilities with TruFlow and OptiStroke

Nordson's TruFlow and OptiStroke technologies enhance adhesive application processes with precision and efficiency. These solutions, along with upcoming technological developments, can be seamlessly combined with the VersaBlue® II due to its modern and expandable interfaces, offering a future-proof approach to adhesive dispensing.

TruFlow Technology

- **Enhanced Precision:** Precise add-on accuracy by locating adhesive metering closer to the point of application.
- **Simplified Integration:** Passively-driven gears reduce setup complexity and capital investment.
- **Improved Efficiency:** Advanced flow dividers expand production capabilities without additional melter pumps.

Find out more



OptiStroke Technology (future featured)

- **Accurate Adhesive Placement:** Monitors needle stroke to ensure correct adhesive placement, reducing product yield loss.
- **Enhanced Process Control:** Automatic alarms and continuous sensor calibration track valve performance and alert operators to issues.
- **Easy Installation:** Modular design supports up to 32 channels and is compatible with many Nordson hot melt adhesive modules, simplifying installation and reducing inventory requirements.

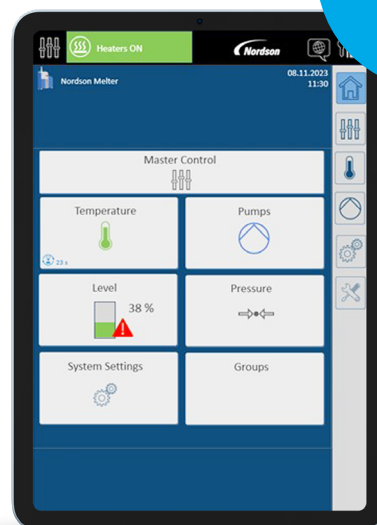
Find out more



User-Friendly Interface and Versatile Capacity Options

Featuring a responsive web-based graphical user interface (GUI), the melter enhances user experience. The **new 10" touch panel** with improved screen resolution (WXGA, 1280x800) allows more data to be displayed at a glance. The intuitive design and fast response times make it easy for operators to navigate and control the system. This user-friendly interface simplifies daily operations and improves overall efficiency, making it accessible to a wide range of users.

To meet diverse production needs, the melter offers **customizable tank capacities (12 to 150 liters)** and pump options. This versatility allows manufacturers to tailor the system to their specific requirements, ensuring optimal performance for various applications. By providing flexible options, it can accommodate different production scales and demands.



The new interface also integrates seamlessly into OEM machines, regardless of the operating system, enhancing flexibility and responsiveness in plant operations

About Nordson

Nordson delivers precision technology solutions to help customers succeed worldwide. With a commitment to integrity, respect for people, and customer passion, we provide innovative and high-quality products for dispensing adhesives, coatings, sealants, biomaterials, and more. Our global presence and expertise in fluid management, test and inspection, and surface treatment ensure that we meet the diverse needs of industries such as packaging, electronics, medical, and construction. At Nordson, we strive for excellence and approach challenges with enthusiasm, driving success for our customers and communities.

About Nordson Global Nonwovens

Nordson Global Nonwovens empowers manufacturers in the disposable hygiene and nonwoven industries with innovative adhesive dispensing solutions that enhance product quality, reduce material waste, and increase production efficiency. Our precision technology drives customer success by supporting high-speed converting of rolled goods for products such as baby diapers, adult incontinence, and feminine care items. With a global footprint, we are always close to our customers, providing the support they need to achieve excellence in their manufacturing processes and deliver superior products to their markets.



Versa™ ACM II

The Versa™ ACM II has been reworked and standardized, significantly shortening delivery times and achieving UL certification. Designed to perfectly complement the VersaBlue® II Melter, it offers two control cabinet sizes to suit different application needs:

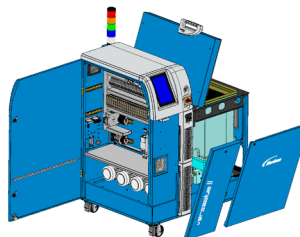
- **Expanded:** 2 Drives, 12 Heating Channels, 4 TruFlow
- **Advanced:** 4 Drives, 24 Heating Channels, 8 TruFlow



VersaBlue® II Melter

Technical Data Sheet

The VersaBlue® II Melter is designed to deliver exceptional performance and reliability in adhesive dispensing.



Benefits:

- **Enhanced control technology for consistent adhesive application**
- **Advanced modern diagnostic capabilities reducing downtimes**
- **Responsive and intuitive HMI**
- **Reduced energy consumption by up to 10 percent**

Key technical specifications:

Type of System	Release coated grid and reservoir gear pump with variable AC motor ¹
Number of Pumps	Up to 4 single or dual stream pumps
Maximum Pump Rate ^{2&3}	1.4 to 82.1 kg/hr (3 to 181 lb/hr)
Tank Capacity	12l, 25l, 50l, 100l, 150l (100l VersaBlue® II with 50l Hopper)
Filter Type	Saturn® basket-style filter
Maximum Working Hydraulic Pressure	85 bars/ 8.5 MPa (1230 psi)
Operating Temperature Range	40 to 230°C (104 to 446°F)
Ambient Temperature Range	0 to 40°C (32 to 104°F)
Temperature Control Stability	±1°C (2°F)
Electrical Service ⁴	230 VAC 3 phase 50/60 Hz 400 VAC-Y (3 phase N/PE) 50/60 Hz 400 VAC 3 phase 50/60 Hz ⁵ 480 VAC 3 phase 50/60 Hz ⁵
Pressure Sensors ⁶	8 internal
Max. Melter Dimensions, P3 (W x H x D)	1194 x 1660 x 1029 mm (47,01 x 65,35 x 40,51 in)
Max. Installation Dimensions, P3 (W x H x D)	2630 x 1880 x 1249 mm (103,54 x 74,02 x 49,17 in)
Protection	IP54

1. Up to 16 drives/motors in total can be handled from a complete VersaBlue® II & Versa™ACM II system.
2. Actual rates will vary depending on adhesive type, application parameters and input voltage.
3. Range given is for maximum pump rate of various pumps available.
4. Permitted deviation from rated line voltage is ±10 %.
5. With integrated transformer.
6. Up to 66 pressure transducers in total can be handled from a complete VersaBlue® II & Versa™ACM II system.

Contact us today to learn how VersaBlue® II can transform your production processes:

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