Dispensing Solutions
For Cold Adhesive Materials
Nordson offers a complete line of products for applying structural adhesives and sealants. Our robust equipment is completely versatile and designed for use in a variety of demanding industries, including automotive, energy and aerospace.

- **Bulk supply systems**
- **Dispensing valves**
- **Metering systems**
- **Regulators**
- **Controllers**

Nordson is the only major supplier to offer both pressure-based and positive displacement systems, with the ability to modify configurations to meet specific application needs. Our solutions easily dispense a variety of one- and two-component materials, including RTV silicones, greases, mastics, plastisols, sealers, butyls and urethanes.

No matter what cold material dispensing challenge you face, Nordson has decades of application expertise to provide the right application solution. What’s more, we back all of our systems with worldwide service and support that you can trust – 24/7.

**System Solutions for a Variety of Industries**

- Aircraft and Aerospace
- Appliance
- Construction
- Farm Implements and Heavy Machine
- Buses and Commercial Transportation
- Recreational and Marine
- Solar and Wind Power

**Quality You Can Count On**

Nordson has the expertise, resources and commitment to support all your needs – before and after the sale. Our integrated worldwide network includes direct operations in 34 countries for the best in R&D, testing, service and support. Our cold materials team is comprised of knowledgeable, experienced professionals who can help design the right solution for any application need.
Configuring Total System Solutions for all Your Needs

Nordson is a world leader in engineering systems to apply cold materials in most any manufacturing environment with precision and reliability. Our goal is to provide you with the right solution to meet your exacting application requirements. Our broad product line includes:

**Rhino® Bulk Unloaders** – available for multiple size containers, Rhino bulk unloaders incorporate robust mechanical components and simple control logic to ensure longevity and simplified maintainability. Modular design provides flexibility in accommodating changing application requirements. Available ScoreGuard® wear-resistant coating provides superior toughness over other coatings used in high wear and abrasive applications.

**Auto-Flo™ Dispensing Valves** – provide accurate deposition and control for applications requiring sharp material cut-off and uniform bead and spray patterns. With operating pressures up to 5000 psi, the valves can handle a wide range of high-performance, high-viscosity adhesives and sealants with viscosities up to 3,000,000 cps. Replaceable seal cartridges allow for easy maintenance and repair of valves.

**Pro-Meter® S Series Meter** – designed for robotic application of single-part automotive adhesives and sealant materials. When “bead on the part” appearance and bead control are crucial, the Pro-Meter S combines shot meter technology with proportional control to provide precise, repeatable deposition and efficient material usage. A uniform amount of material is applied as the robot accelerates and decelerates along its programmed path via an analog input signal. This precise flow control provides better adhesive bead profiles and faster cycle times.

**Pro-Meter® G Series Meter** – specifically designed for robotic application of high viscosity adhesives, including urethanes, silicones and butyl materials. The system combines field-proven durability with ease of use for precision material application, providing uniform deposition of the adhesive bead as the robot accelerates and decelerates through the programmed path.

**SureMix™ 2K Dispensing System** – combines gear-metering technology with a compact size to provide precision and control in dispensing two-component materials. As a result, it offers accurate bead profiles and precise shot weights for material savings. The system is designed for flexible installation and provides excellent ratio control and adjustability for bonding and sealing operations.
Pro-Meter® S2K System – two-component shot meter dispenser ensures precise control of dispense volumes, regardless of viscosity changes in the material. With an electric linear encoder, the system provides higher, cold start accuracy as well as fast response to speed changes. The Pro-Meter S2K also features flexible ratio control, easily updated SPC data and easy programming and maintenance.

Process Sentry Controller – versatile controller allows supervision of material pressure and dispense volumes for a variety of Nordson systems. The controller has a 32-part ID capacity, and memory chips can also be added for optional data logging. An RTD input is provided to monitor material temperature for SPC data, if desired.

For more information on Nordson’s complete line of solutions for dispensing cold materials, contact us at 800.626.8303 or visit our web site at www.nordson.com/ics.