

Press Release

NETZSCH Highlights NEMO® Dispensers

Delivers precise, repeatable dosing for a wide range of industrial applications

NETZSCH Pumps USA, the leading complex fluid handling solutions provider, highlights the NEMO® Dispensers, engineered for precise dosing and metering of highly abrasive and viscous fluids. Designed to handle a wide range of viscosities, shear-sensitive materials, and entrained solids, the NEMO® Dispensers deliver accurate and repeatable dispensing performance across various industrial applications.

The NEMO® Dispensers features a positive displacement design, ensuring consistent low-pulsation flow that conveys materials without damaging delicate, shear-sensitive components of the conveyed product. Its advanced technology enables precise dosing accuracy, making it ideal for applications requiring robotic and servo control. The dispensers' valve-free operation eliminates common wear points, improving longevity and reliability, while optional heating ensures optimal performance with temperature-sensitive products.

The compact design of the NEMO® Dispensers allows for seamless integration into automated production systems, offering enhanced flexibility in dot or bead applications, potting, and adhesive and sealant dispensing. With the ability to handle low to extremely high viscosity fluids, anaerobic products, and flux or soldering pastes, the dispensers provide unmatched versatility.

Available in multiple configurations, including the NDP0400-04, NDP0600-03, NDP0800-03, and NDP1000-02 models, NEMO® Dispensers offer flow rates ranging from 2 ml/min to 800 ml/min and can operate at pressures up to 450 psi. Minimum dosing quantities range from 0.075 ml to 1 ml. Each model features a durable stator material selection, including NBR, EPDM, Viton, and PTFE blends, with FDA-compliant options available for specialized applications. The innovative design ensures no dripping or stringing of the product, reducing waste and maintaining a clean working environment.

The NEMO® Dispensers set a high standard for metering and dispensing, providing industries with a reliable solution for demanding processes. Their precision, versatility, and gentle conveying ensure high accuracy and reproducibility, making them ideal for applications in the cosmetics, chemical, consumer and industrial goods, electrical appliance, and electronic component industries.

To learn more about NEMO® Dispensers from NETZSCH, visit <https://pumps-systems.netzsch.com/en-US/products-and-accessories/dosing-emptying/nemo-dispensers-and-handdispensers>.

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About NETZSCH Pumps USA

NETZSCH Pumps USA is the US representative of NETZSCH Pumps & Systems which has served markets worldwide for more than 60 years, providing customized, sophisticated solutions for applications in every industry type. Experts in complex fluid handling, NETZSCH supplies NEMO® progressing cavity pumps, TORNADO® rotary lobe pumps, NOTOS® screw pumps, and PERIPRO® peristaltic pumps as well as N.Mac® twin shaft grinders, macerators, barrel emptying units, metering technology and accessories. With a workforce of more than 2,600, NETZSCH Pumps and Systems is the largest business unit in the NETZSCH Group, with annual sales of more than 420 million Euros.