

Latest high-performance MDS 1560 Hot Melt Solution introduced by VERMES Microdispensing sets high standards

Holzkirchen, Germany, November 18th, 2021 — VERMES Microdispensing has further strengthened its market position with the introduction of its latest MDS 1560 Hot Melt System during productronica Munich, world's leading trade fair for Electronic Development and Production.

The system is powered by DST – Dynamic Shockwave Technology – which optimizes the valve's yield for most perfect dispensing results.

The MDS 1560 Hot Melt Series is a prime solution for dispensing all types of hot melt and paraffin adhesives in ultra-fine dots/lines.

With a unique maximum temperature of up to 230 degrees Celsius, VERMES Microdispensing's new MDS 1560 Hot Melt Solution is designed for applications with highest media temperature allowing it to suit the specific demands of industrial production lines.

“The combination of our tried and tested DST - Dynamic Shockwave Technology with the hot melt system broadens the range of our solution with correspondent to the demand of the current market. In doing so we are able to anticipate the needs of our customers and provide a system that positions itself at the forefront within the hot melt dispensing market,” says Juergen Staedtler, CEO and Managing Director of VERMES Microdispensing.



VERMES Microdispensing MDS 1560 Hot Melt Dispensing System for all hot melt applications

Fast heating and highest and most stable temperature ensure an excellent dispensing environment with a precise stroke while maintaining consistently high frequency and dispensing repeatability.

The new MDS 1560 Hot Melt Solution is easy to set-up and does not require any initial adjustment or any additional cooling.

As the system also allows modification of dispensing parameters at various dispensing points such as stop, start, or at slopes regardless of the dispensing conditions, the tappet speed is perfectly maintained to the media while preventing any variations in pressure.

The temperature for cartridge and nozzle can be freely adjusted, allowing the media in use to have perfect viscosity conditions.

Uptime and cost plays a significant role in a production line. Equipped with a wireless fluid box body with few individual components that can be switched or replaced easily, the system offers fast and tool-less assembly and disassembly. In addition, the quick and easy change of the cartridge even when heated, helps customers contain costs and simplifies operations, increases productivity and reliability.

The MDS 1560 Hot Melt Dispensing System is the perfect solution for a wide range of industrial applications including the electronic industry, e.g. for bonding electronic gadgets, smartphone components and 3D-MID. The precise cutoff and accurate dispensing makes it also a preferred solution for intermittent adhesive coating applications.

The MDS 1560 Hot Melt Series is fully compatible with existing VERMES Microdispensing consumables and spare parts such as hundreds of tappets and nozzle inserts, which can be selected for maximum configuration flexibility.

About us

Headquartered in Germany, VERMES Microdispensing revolutionized microdispensing technology with the introduction of its contact free piezo-based MDS 3000 series in 2001. Today, the company is a world leader in the design and manufacture of innovative microdispensing concepts and systems for adhesives, silicones, greases, solvents and other fluids.

VERMES high precision MDS 3000 valves support modern manufacturing processes across the globe, e.g. for MEMS components, semiconductor, displays (LCD, OLED, micro-LED), LED, smart mobile devices, automotive, SMT, RFID tags, pharmacology, and many other electronic devices.

Our systems enable our customers to achieve contact free dispensing of highly viscous media droplets in the micro and nano and sub-nano liter range at theoretical frequencies of more than 3000 Hz - a rate that is unique in our industry.

VERMES Microdispensing employees are dedicated to providing the best technologies and services to its customers around the world with the ultimate aim of contributing to increased throughput, improved quality and lower production costs. More information about VERMES Microdispensing can be found at www.vermes.com.

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