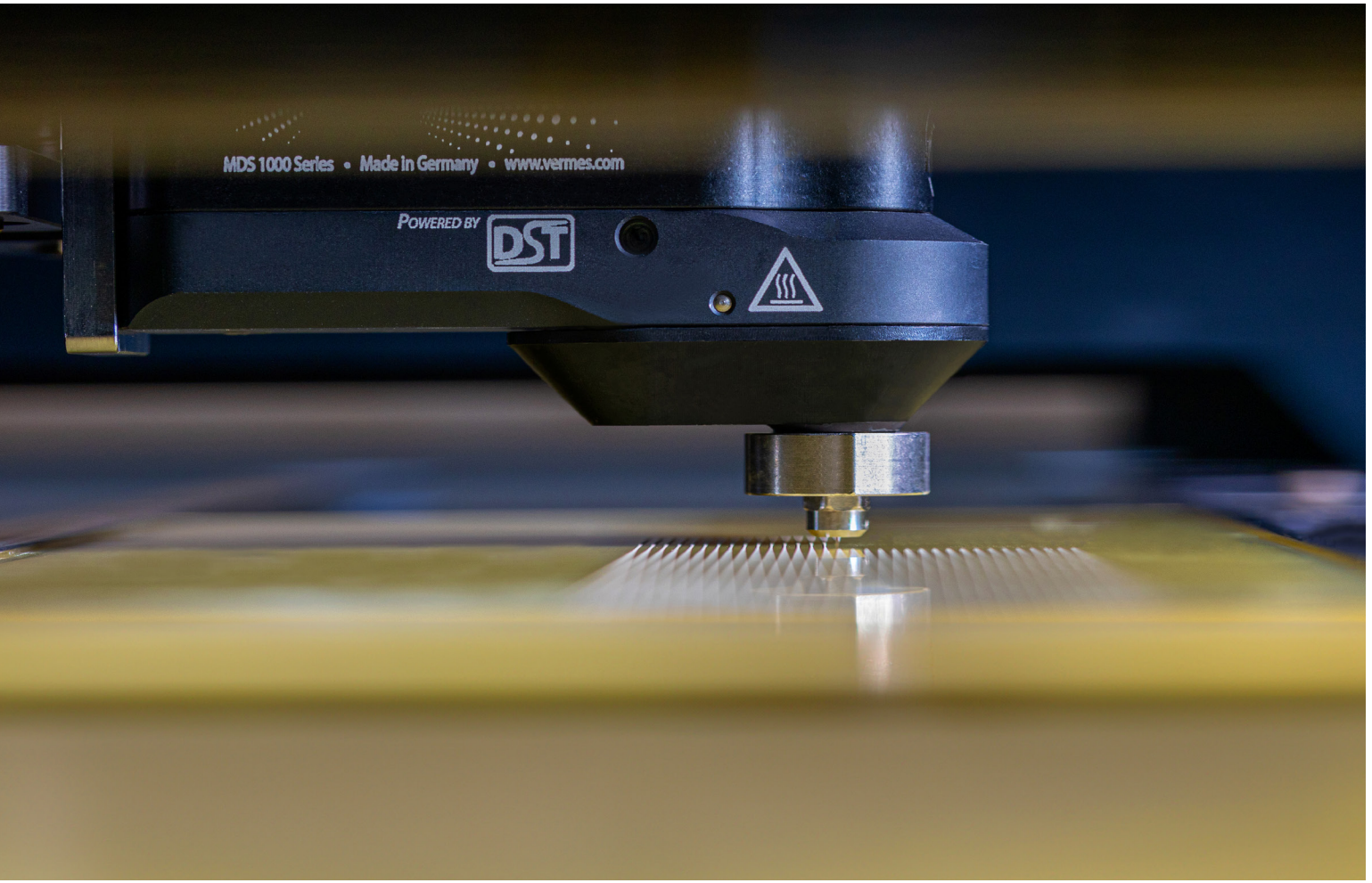
VERMES MICRODISPENSING

MDS 1500 Series



The Art of Microdispensing

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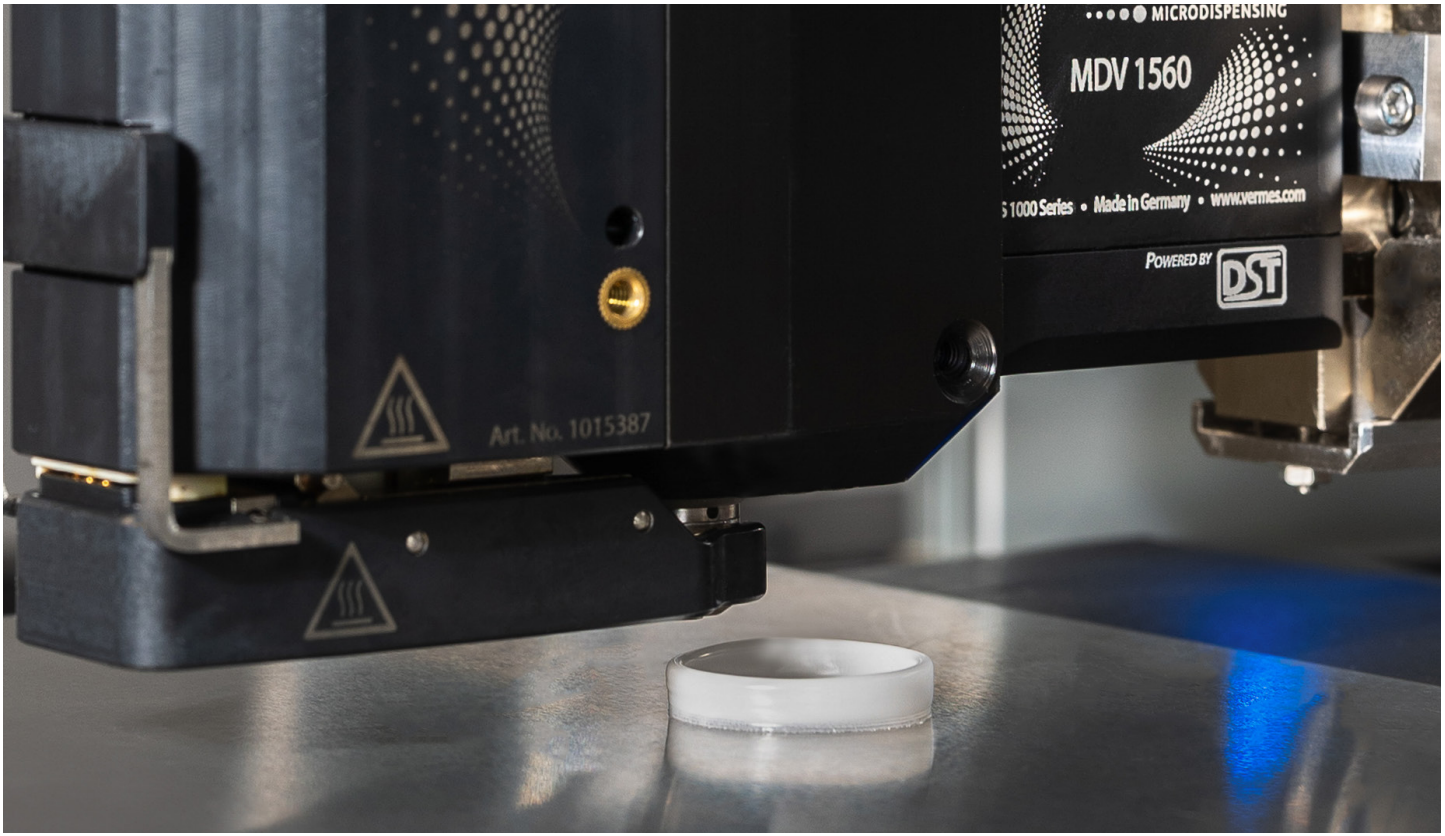
VTK-MP-FL-0xxe-1

Key Applications

- Underfill and edge bonding for microchips and PCBs
- Microbonding of electronic components using wide range of viscosity medias
- Solder paste dispensing for circuit boards
- Encapsulation and potting of electronic components with heat-activated materials (MDS 1560 Hot Melt)
- Hotmelt gluing in optical and mechanical component assembly (MDS 1560 Hot Melt)



Main Features

MDS 1560 and MDS 1560 Hot Melt Systems

- **Integrated thermal control:** For stable hot melt dispensing and consistent adhesive flow (MDS 1560 Hot Melt)
- **Robust design:** Ideal for industrial automation and tight spaces
- **Excellent repeatability and accuracy:** For stable and consistent dispensing results
- **Bayonet Fluid Box:** For quick, tool-free assembly
- **Material compatibility:** Extermely wide range of media, even abrasive media compatibility

Abbreviations

MDV - Microdispensing Valve
MDC - Microdispensing Controller
MDS - Microdispensing System (MDV + MDC)

Dynamic Shockwave Technology

MDC 1500 Controller for all DST systems

MHC: Microdispensing Heater Controller

MDV 1560 with add-on Hot Melt

VERMES
MICRODISPENSING

POWERED BY® DST

Supply Module

Valve

Equipped with DST technology

Add-on Hot Melt

Hot Melt body

Fluid Box Body (BY)

High-performance microdispensing system engineered for precise, contact-free application

Key Industry

The MDS 1560 series, including the HotMelt variant, delivers high-precision, contact-free dispensing for wide range of viscosity media and thermoplastic materials. Whether it is dispensing adhesives for sensors, bonding flexible PCBs, or sealing components with hot melt, the system ensures exceptional accuracy, repeatability, and thermal stability.

Our microdispensing systems are trusted across a wide range of industries for precise and reliable applications, including:

- **Microelectronics Assembly**
- **Automotive**
- **Consumer Electronics**
- **Medical Devices**
- **Photovoltaics, and many more.**

Where precision matters, we're there.