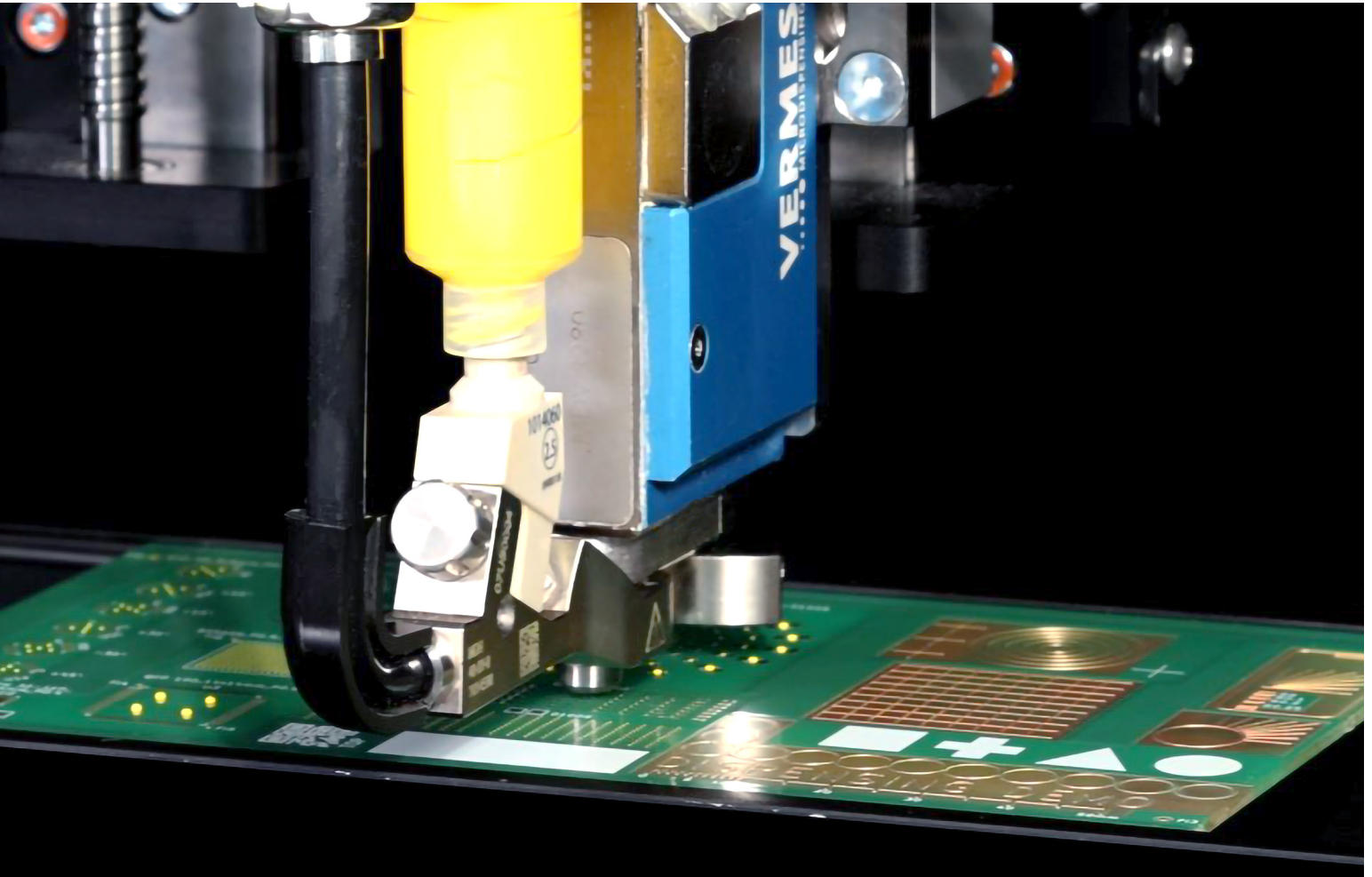


VERMES
••••• MICRODISPENSING

MDS 3250+FC / MDS 3280 Series



The Art of Microdispensing

Contact



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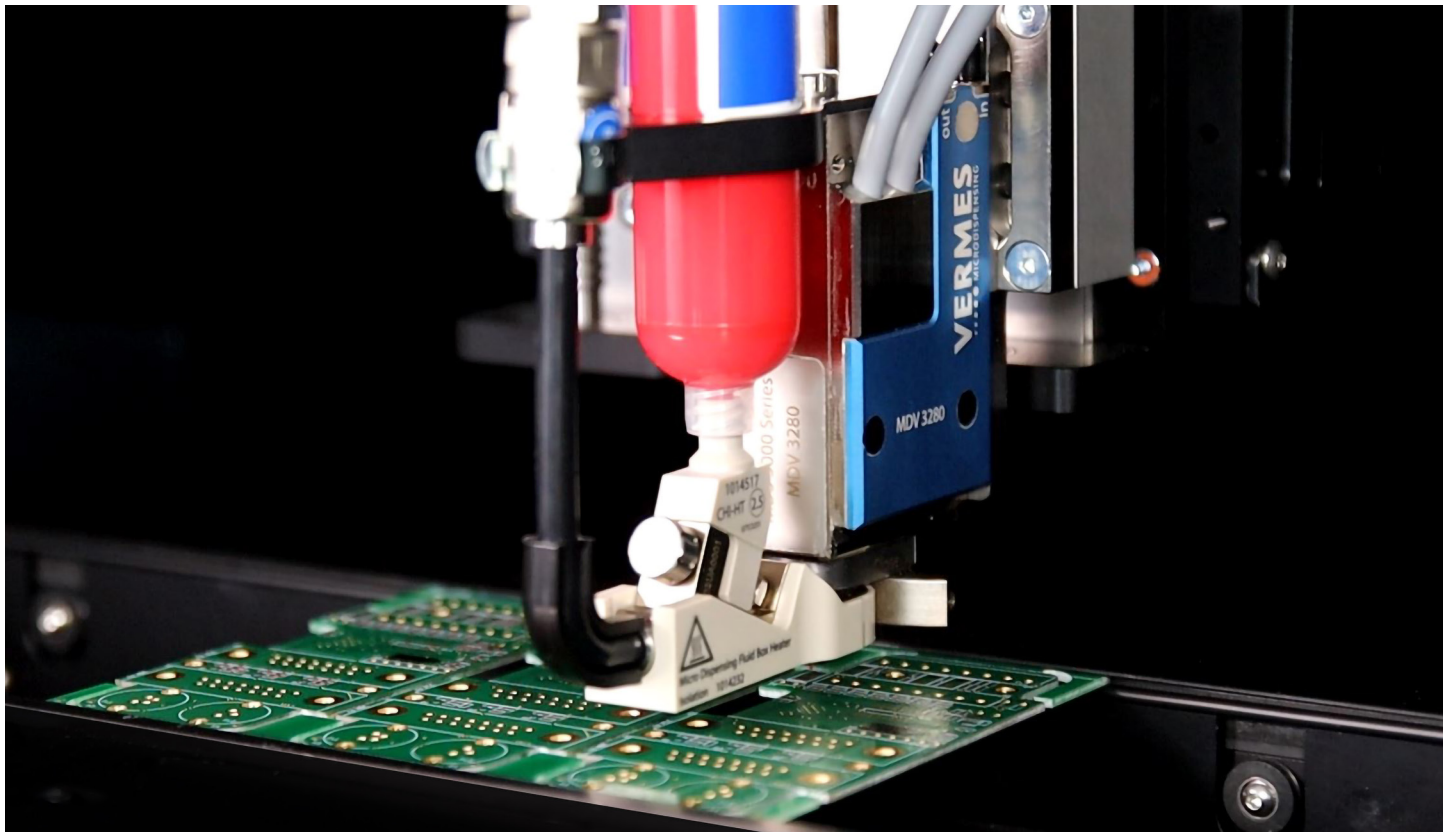
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Key Applications

- Dispensing of solder paste, conductive adhesives, and encapsulants on an automation line
- Various adhesive and paste dispensing for PCB and module assembly
- Controlled sealing and bonding for cable and sensor units
- Dispensing of bio-compatible materials in nano to sub-nano range for device assembly
- Bonding of displays, casing and micro components
- Dispensing heat conductive medias in high-density devices



Main Features

MDS 3280 and MDS 3250⁺FC Systems

- **Piezo-based Technology System:** Contact-free high precision systems for medium to high viscosity media
- **Top Adjust:** For quick, precise, and comfortable configuration
- **Integrated Nozzle Heater:** Maintains a constant temperature within the Fluid box leading to repeatable dispensing results (MDS 3280)
- **Tool-free Assembly:** For fast assembly and disassembly, as well as easy cleaning (MDS 3280)
- **Highly Compatible:** Fully compatible with all existing VERMES accessories



One controller for the
whole series:
MDC 3290⁺ Controller

Abbreviations

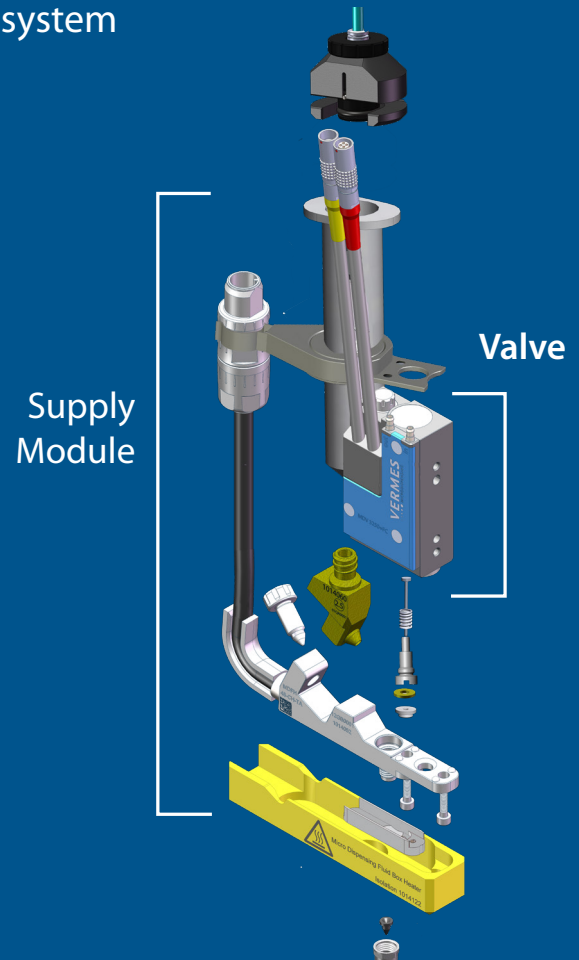
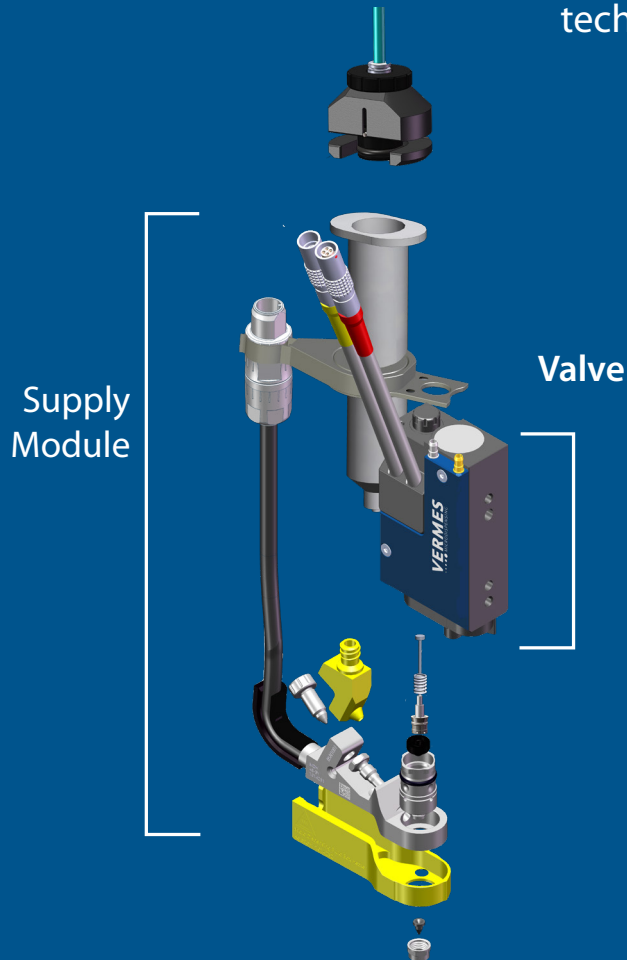
MDV - Microdispensing Valve
MDC - Microdispensing Controller
MDS - Microdispensing System (MDV + MDC)

Piezo Technology

MDV 3280

MDV 3250+FC

Piezo- based
technology system



High-precision microdispensing system for medium to high viscosity applications in advanced manufacturing

Key Industry

The MDS 3280 and MDS 3250+FC are advanced systems designed for high-viscosity media dispensing in various demanding industries. Featuring highly precise and flexible configurations for MDS 3280 with a bayonet fluid box for fast change overs, and MDS 3250+FC with a robust setup for continuous operations, these systems ensure reliable, high-speed production across various applications.

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

- **Electronics**
- **Automation**
- **Mechanical Engineering**
- **Automotive**
- **Microelectronics Assembly, and many more.**

Where precision matters, we're there.

