

- POWERED BY DST®
- WIDE RANGE OF APPLICATIONS
- MOST PERFECT DISPENSING RESULTS
- UNIQUE COMPRESSION TECHNOLOGY FOR HIGHEST POWER + SPEED
- SIMPLE PARAMETER SETTINGS
- EASY SET-UP + MAINTENANCE
- INTEGRATED HEATER



## Micro Dispensing System MDS 1560 Series



VERMES Microdispensing  
[www.vermes.com](http://www.vermes.com)

The Micro Dispensing System MDS 1560 is powered by DST® - Dynamic Shockwave Technology.

DST® significantly optimizes the valve's yield in order to achieve a most perfect dispensing result.

The MDS 1560 is suitable for a very wide range of liquids of various viscosities in industrial microdispensing.

## Recommended Media:

The system provides a perfect solution for a very wide range of liquids of various viscosities, ranging from aqueous solutions to solder paste.

This includes for example:

- **Solder Pastes from Type 5 onwards**
- **Solder Fluxes**
- **Organic Solvents**
- **Weak Acids + Bases**
- **All aqueous solutions**

# Micro Dispensing System MDS 1560 Series

The MDS 1560 is powered by DST® - VERMES Microdispensing's revolutionary actuator principle technology.

It performs extraordinary power, precision and speed even at the smallest stroke.

## Application Examples:

- The system is suitable for media of a very wide spread of viscosity in many applications of industrial micro dispensing processes.
- With the MDS 1560 - powered by DST® Dynamic Shockwave Technology - VERMES Microdispensing offers a solution to reliably dispense solder pastes from type 5 onward without matter plugging and clogging at the tappet tip.
- Media can be jetted in amounts smaller than 1.0 nano-liter.
- The system is ideal for many industries, such electronic industry, consumer industry, but also automotive and medical technology.

## Major Advantages:

- DST® - Dynamic Shockwave Technology - VERMES Microdispensing's revolutionary actuator principle significantly optimizes the valve's actuator yield in order to achieve a most perfect dispensing result.
- The new VERMES Microdispensing technology allows for the MDV 1560 to perform at maximum dispensing frequency, faster than any electro-pneumatic jet valve on the market.
- The MDS 1560 system offers consistent power transmission and highest precision and speed even at the smallest stroke.
- An integrated temperature system, including nozzle heating and monitoring, delivers permanently stable temperature and perfect viscosity conditions for all dispensing media.
- The MDS 1560 has optimized channel guidance and configuration of the compression geometries.
- Dispensing parameters can be easily modified to dispense the perfect line regardless of the varying conditions.
- The MDV 1560 valve is mountable from three sides to a dispensing machine and has a rotatable fluid box for maximum system integration flexibility.
- The bayonet fluid box turns the tappet change into a fast and easy activity without the need for additional tools.
- Full compatibility to VERMES Microdispensing consumables and spare parts gives maximum configuration flexibility.

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