

NEW



DISPERMAT□ TORUSMILL□

Innovative mixing, dispersing and fine grinding systems for laboratory, pilot plant and production. Made in Germany.

vma-getzmann.com

Dissolver DISPERMAT[®] SC

Versatile production dissolver for
any container sizes up to 2500 litres.

Options: ATEX, vacuum, scraper

The production dissolver DISPERMAT[®] SC is a multipurpose production dissolver for any container sizes up to 2500 litres.

As an option the dissolver can be delivered in a vacuum or explosion-proof version according to ATEX. A scraper system for highly viscous products is also available.

FLEXIBLE. POWERFUL. INNOVATIVE.

With the modular quick-change systems, the DISPERMAT[®] SC dissolver can also be used as a basket mill, vacuum dissolver and rotor-stator homogenizer.

Our experienced engineers will be pleased to provide you with personal advice.



Power
15 – 55 kW

Product volume
35 – 2000 litres



ACCESSORY SYSTEM V-H/ SR
Option: Modular Quick-Change Systems



ATEX ZONE 0/1/2
Option: Explosion-protection according to 2014/34/EU



PROCESS CONTROL
Option: PLC-technology



WORKSAFE DIRECTIVES 2004/42/EC
Integrated safety equipment



SCRAPER TECHNOLOGY
Option: Scraper for high-viscosity substances



HIGH-ADJUSTMENT ELECTRO-HYDRAULIC
Low-maintenance easy handling functional design



WDSB SOFTWARE
Option: documentation, research and QA



VACUUM TECHNOLOGY
Option: Dispersion under vacuum



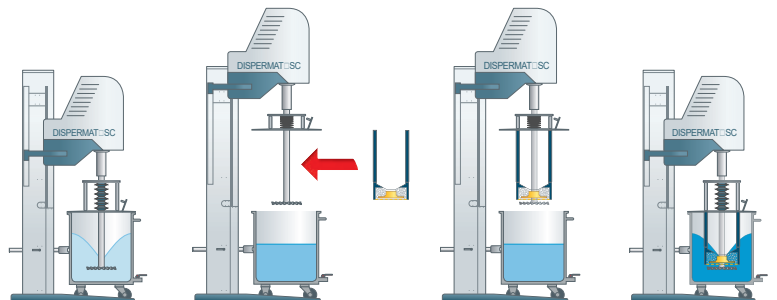
MADE IN GERMANY SINCE 1972
Quality, precision and durable technology

NEW
TECHNOLOGY
MADE IN GERMANY



DISPERMAT[®] SC with modular basket mill TORUSMILL[®] TML

SAVE TIME – 2 IN 1: Fastest colour and Dissolver/
BasketMill change with the new quick change system.
DISPERMAT[®] SC dissolver in combination with the
modular TORUSMILL[®] TML basket mill. Mixing,
dispersing and fine grinding with **one** machine.



DISPERMAT □ Dissolver for laboratory

DISPERMAT □ CV3evo

The new, innovative all-rounder for the laboratory. In ergonomic design with process control and electric height adjustment.

The DISPERMAT □ CV3evo is a completely redesigned laboratory dissolver and impresses with a particularly ergonomic and compact design. It is equipped with an electric height adjustment and can be used for versatile tasks in the laboratory.

The controller is situated in the new, high-quality stainless steel housing with an innovative glass panel and can be operated via the integrated, solvent-resistant membrane keyboard. The large colour screen shows all relevant process parameters.

Thus the new DISPERMAT □ CV3evo combines form and functionality in a new way.

High grade design, certified quality and reliable technology characterise this all-rounder for the laboratory.

CV – technology

- high-quality glass panel
- large color display
- DISPERWHEEL □ speed adjustment
- DISPERSAFE □ safety module
- height measurement (HA, H1, H2)

Additional options

- data recording
- switch off parameters
- preset configurations
- user management



Power
0.75 – 1.5 kW

Product volume
0.05 – 7 litres



FLEXIBLE. POWERFUL. INNOVATIVE.

With the modular quick-change systems, the DISPERMAT □ CV3evo dissolver can also be used as a bead mill, basket mill, vacuum dissolver and rotor-stator homogenizer.



CV3evo with module APS bead mill



CV3evo with module TML basket mill



CV3evo with module CDS vacuum system



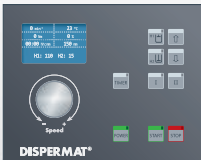
CV3evo with module SR homogenizer

DISPERMAT□Dissolver for laboratory and pilot plant

DISPERMAT□LC

Universal laboratory and pilot plant dissolver.

LC– technology



- height measurement(HA,H1, H2)
- timerfunction
- switchoff parameters
- DISPERWHEEL®
- DISPERSAFE®



Power
0.3 – 2.2 kW

Product volume
0.05 – 20 litres



DISPERMAT□LC-EX

Explosion-proof dissolver for Zone 2 with electrical height adjustment.

LC-EX– technology



Power
0.25 – 0.75 kW

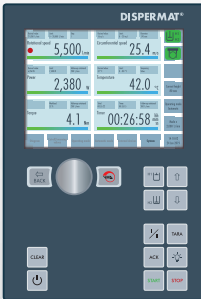
Product volume
0.25 – 10 litres



DISPERMAT□CN

The all-rounder with electric height adjustment for laboratory and pilot plant up to 11 kW.

CN– technology



- high quality glasspanel
- large color display
- timerfunction
- height measurement (HA, H1, H2)
- connection of external components
- DISPERSAFE□
- DISPERWHEEL□



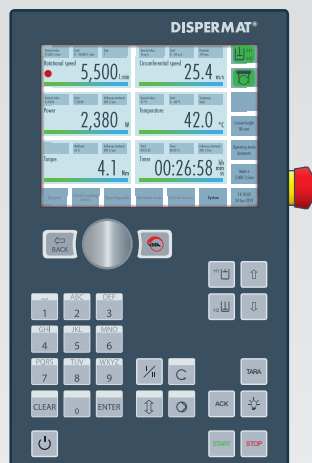
Power
1.1 – 11 kW

Product volume
0.25 – 200 litres



DISPERMAT □ Dissolver for laboratory and pilot plant with C-technology

C- technology

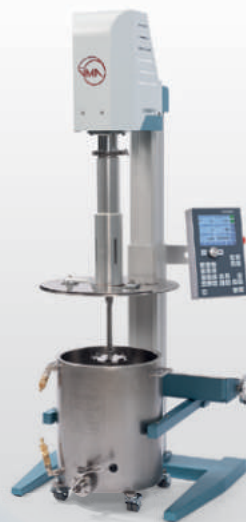


Reproducible dispersing and fine grinding results.

- **GLASS PANEL:** High-quality glass front with a large colour display and an integrated, solvent-resistant, backlit membrane keypad.
- **COLOUR DISPLAY:** Extra large colour display with indication of speed, torque, power input, product temperature, timer, peripheral speed, height of dispersing tool, status bar with safety indicators, working heights, operating modes, etc.
- **DISPERWHEEL®:** Speed adjustment infinitely variable speed adjustment with rotary pulse encoder.
- **DISPERSAFE®:** TÜV-certified safety module.
- **DATA RECORDING:** Recording of the process parameters with graphical indication.
- **DATABASE:** 100 individual PRESET configurations for H1, H2, speed, time, switch off parameters, ramp function, etc.
- **REPEATABILITY:** Dispersion method: constant speed or constant mechanical power input for optimum repeatability, temperature-based dispersing.
- **SWITCH OFF PARAMETERS:** Switch off function for temperature, speed, torque and power.

DISPERMAT □ AE

Highly efficient dissolver for laboratory, pilot plant and the production of small quantities.
Option: ATEX explosion protection



Power	Product volume
0.55 – 11 kW	0.25 – 200 litres

DISPERMAT □ VL

Vacuum dissolver for laboratory, pilot plant and the production of small quantities. Options: scraper system, explosion protection according to ATEX.

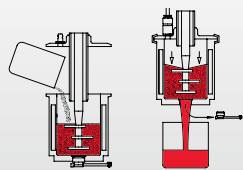


Power	Product volume
2.2 – 7.5 kW	0.3 – 80 litres

Bead Mills and Basket Mills for laboratory, pilot plant and production

APS APSbead mill

Modular bead mill for DISPERMAT[®] dissolvers.



Product volume
8 ml – 3.5 litres



DISPERMAT[®] SL

Horizontal laboratory and pilot plant bead mills for fine grinding of low to high viscosity products in the re-circulation and pass process. Options: nano design, explosion-proof according to ATEX.

- milling system made of stainless steel, ceramic, silicon carbide
- high mill base yield



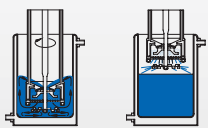
Power
1.1 – 4 kW

Product volume
0.05 – 50 litres



TML TORUSMILL[®] TMLbasket mill

Modular basket mill for DISPERMAT[®] dissolvers.
Options: nano, ceramic and vacuum version, scraper



Product volume
0.25 – 1000 litres



Quality and precision made in Germany

DISPERMAT[®] TORUSMILL[®]

Our experience, your advantage: Please visit us in our highly equipped laboratory and pilot plant for a personal product demonstration with your own materials. Our skilled engineers will be pleased to show you the impressive capabilities of our patented DISPERMAT[®] and TORUSMILL[®] dispersing and fine grinding systems. We are looking forward to your visit.

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Subject to technical modifications