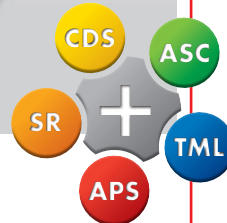


NEWS 2011

The new DISPERMAT® DS for research and development



DISPERMAT® DS



DISPERMAT® DS

Top quality for research and development



The DISPERMAT® DS as a dissolver



C – Technology:

- display of speed, torque, timer, product temperature, power input and much more
- recording of all applied parameters
- definition of cut out values for torque, speed, product temperature and power input possible
- data interface for documentation and analysis
- ten „PRESET“ adjustments

Innovated design with integrated power electronics

The DISPERMAT® DS is an innovative dispersing instrument with the latest technology and functional design.

With the DISPERMAT® DS the dispersing and grinding processes are performed with utmost control. The compact instrument contains the drive motor, the electrical height adjustment of the drive motor, the power electronic, the control panel and the electrical height adjustable central container fixing.

With the DISPERMAT® DS trials with the dissolver disc as well as with different milling systems like the APS or TML device can be carried out.

The innovative and user friendly control system enables a comprehensive process control, with which all relevant data like speed, torque, power input, product temperature, time, peripheral speed, height of the dispersing tool is indicated in the display.

Besides the usual speed control a power control is integrated which ensures a high reproducibility of the trials within the dissolver and bead mill operation.

Innovation made by VMA-GETZMANN

Modular Dispersing and Milling Systems:



modular bead mill APS
APS 30 – APS 1000 | 12 ml – 430 ml



modular basket mill TML
TML 1 | 500 ml – 3 litres



modular vacuum system CDS
CDS 250 – CDS 3000 | 200 ml – 2.2 litres



modular rotor-stator SR
SR 4 | 100 ml – 5 litres



modular scraper system ASC
ASC 500 – ASC 5000 | 200 ml – 3.5 litres

Technological lead in a new design

Due to the continuous storage of the experimental data in the control, the course of the experiment is shown on the graphic display. With the marker function, individual values can be easily read.

Furthermore the control offers a multitude of additional functions like timer, protective functions (temperature, speed, torque and power), power calibration, data base etc.

WINDISP^{Pro}

Software WINDISP-Pro®:

For permanent storage of the experimental data the PC-Software WINDISP-Pro® is available.

Via a bidirectional interface not only the control data can be stored but also additional functions like temperature dispersion can be carried out.

Further functions like data export, comparison of two dispersion curves, marker, data base and so on enable an effective development.

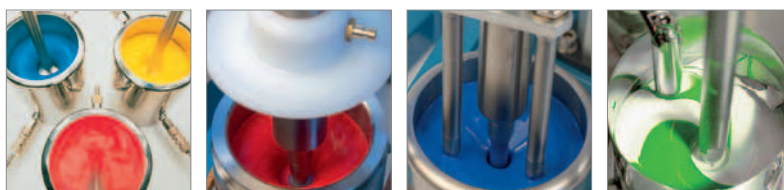


The DISPERMAT® DS as a basket mill



Convert the DISPERMAT® DS dissolver into a vacuum dissolver, a homogenizer, a closed vertical bead mill, a closed vertical basket mill and a dissolver for very high viscosity and non-flowing substances.

The bead mills APS and TML are also available for smallest beads as well as in ceramic versions (e.g. SiSiC or ZrO₂). The milling system TML can be delivered for vacuum operation. In order to guarantee a perfect dispersion even with very high viscosity substances the milling system TML can be combined with the scraper ASC.



DISPERMAT® type	power kW	speed rpm	product quantity litre	torque Nm
DS	1.5	0 - 20000	50 ml - 10 Liter	1.5

DISPERMAT® and TORUSMILL®



Our experience – your advantage:

Please visit us in our excellently equipped laboratory and pilot plant for a personal product demonstration with your own products. Our skilled engineers will be pleased to show you the impressive range of services of our patented dispersing and grinding systems DISPERMAT® and TORUSMILL®.

Alternatively we would be pleased to receive a sample of your product for dispersing or fine grinding.

Please get in contact by phone: **+49 2296 - 8030**



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