

# DISPERMAT® VE

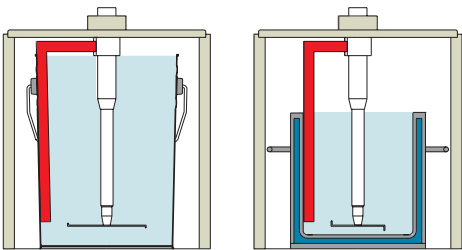
Dispersion under vacuum with various containers in a vacuum chamber

The DISPERMAT® VE is a vacuum dissolver for single-walled and double-walled containers as well as disposable containers with a capacity of 0.25 to 10 litres

The DISPERMAT® VE is a vacuum dissolver which is suitable both for laboratory applications and for larger batches. The special feature of the DISPERMAT® VE is that it is not necessary to fill the product to be dispersed into a vacuum tight container. Instead, the dispersion process can be performed under vacuum in any containers. Containers may be single-walled or double-walled, and even the use of thin-walled disposable containers is possible without any problems. The dispersing tool can be adjusted in height during operation.

### Scraping system for dispersion of high-viscosity products

The DISPERMAT® VE vacuum dissolver can be equipped with a scraping system for high-viscosity and non fluid substances. The scraping arm can be replaced very easily to suit different diameter containers.



### C – technology

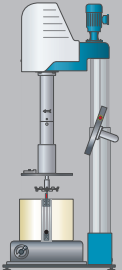


- **DISPERWHEEL® speed adjustment**  
infinitely variable speed adjustment with rotary pulse encoder
- **Large color display**  
indications of speed, torque, power, product temperature, timer, peripheral speed and height of the dispersing tool

- **Repeatability**  
dispersion method: constant speed or constant mechanical power input for optimum repeatability, temperature-based dispersing
- **Data recording**  
recording of the process parameters with graphical indication
- **Switch off parameters**  
switch off function for temperature, speed, torque and power
- **Database**  
100 individual PRESET configurations for H1, H2, speed, time, switch off parameters, ramp function, etc.
- **DISPERSAFE®**  
TÜV-certified safety module for convenient use of variable container sizes without limit switches or mechanical contraption.
- **Power compensation**  
net power calibration
- **Height measurement**  
adjustable working range for different container sizes
- **Connectivity**  
USB, Wi-Fi, LAN

- VACUUM TECHNOLOGY**  
dispersing under vacuum
- SCRAPER TECHNOLOGY**  
Option: scraper for highly viscous products
- PROCESS CONTROL C-TECHNOLOGY**  
repeatable dispersion results
- WORK SAFE DIRECTIVE 2006/42/EC**  
integrated safety equipment
- DISPERWHEEL® SPEED ADJUSTMENT**  
with rotary pulse encoder
- HEIGHT ADJUSTMENT ELECTRIC**  
easy handling, functional design
- HIGH VISCOSITY PRODUCTS**  
dispersing highly viscous substances
- DISPERSAFE® TÜV CERTIFIED**  
safety module (EN ISO 13849-1)
- MADE IN GERMANY SINCE 1972**  
quality, precision and durable technology



	
DISPERMAT® VE10 H2BF STAND	
Dimensions W x H x D	81 x 190 x 80 cm
Height adjustment	electric
Weight	200 – 250 kg



DISPERMAT® type	Power kW	Speed rpm	Torque Nm	Product volume litre
VE10	2.2	0 – 6000	7.4	0.2 – 7

