

DISPERMAT® VL

The DISPERMAT® VL is a vacuum dissolver for laboratory and pilot plant operation. It is ideal for R&D work as well as for production of larger batches.

The DISPERMAT® VL is very easy to use. The stand has an electric height adjustment; the vacuum container is securely mounted on the base plate by a quick release fixture.

The height of the milling tool can be adjusted also during the dispersion process.

The DISPERMAT® VL is also available in an explosion-proof version according to ATEX.

The single and double wall temperature controlled vacuum containers are made of stainless steel. A viewing glass, lamp, vacuum connection, filling opening and exhaust are all located in the stainless steel vacuum cover.

The DISPERMAT® VL is also available with an optional scraper system.

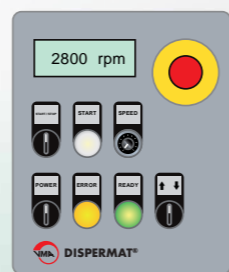
Dispersion under vacuum with single- and double walled vacuum containers

The DISPERMAT® VL vacuum dissolver is available with different control technologies.

C and C-EX – technology



M-EX – technology



- Variable speed adjustment
- Digital speed indication
- Explosion-proof according to ATEX
- Electric height adjustment

- Graphic display with indication of speed, torque, power, product temperature, timer, peripheral speed and height of the dispersing tool
- Data recording with graphical indication
- Switch-off function for parameters as temperature, speed, power, etc.
- 100 individual PRESET configurations
- Data interface to WINDISP 7® Software

WINDISP 7®



DISPERMAT®
VL1-5

| DISPERMAT® Type | Power kW | Speed rpm | Torque Nm | Product volume litre | Vessel size litres |
|--------------------|----------|---------------------|------------|-------------------------|-----------------------|
| VL1-5 | 2.2 | 0-6000 | 7.4 | 0.3-4 | 1/2/3/5 |
| VL10-35 | 4 | 0-3000 or 0-6000 | 13.7 or 27 | 4-25 | 10/15/25/35 |
| VL 50-100 | 7.5 | 3000 | 50 | 15-80 | 50/75/100 |



DISPERMAT® VL75

Summary of the most important features:

- height adjustment of the dissolver disc even during vacuum operation
- stand with electric height adjustment
- double wall (temperature controlled) and single wall vacuum containers made of stainless steel
- vacuum cover with viewing glass, LED illumination, filling opening
- options: explosion proof (ATEX), scraper system