

SYSTEM APS

Modular milling system for DISPERMAT® dissolver available in vacuum, pressure, ceramic and nano version.



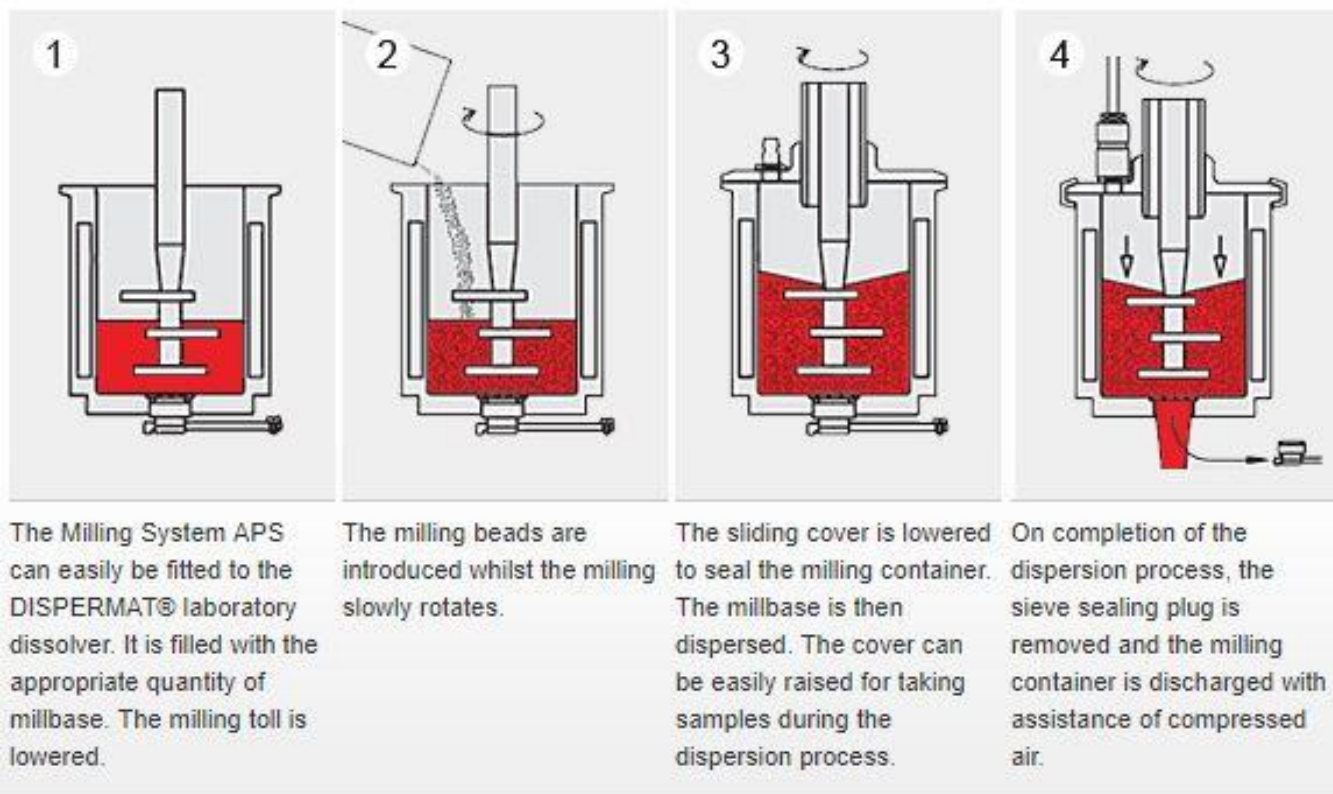
System APS	Objętość produktu (ml)	Pojemność zbiornika (ml)	Rekomendowane Dissolvery
APS 30	8 – 12	30	LC30 – LC110-12 CV-PLUS CN10 – CN20 CA AE01 LC-EX AE01-EX
APS 50	10 – 20	50	LC30 – LC110-12 CV-PLUS CN10 – CN20 CA AE01 LC-EX AE01-EX
APS 125	30 – 50	125	LC30 – LC220-6 CV-PLUS CN10 – CN40 CA AE01 – AE06 LC-EX AE01-EX – AE06-EX
APS 250	50 – 100	250	LC30 – LC220-6 CV-PLUS CN10 – CN40 CA AE01 – AE06 LC-EX AE01-EX – AE06-EX
APS 500	100 – 200	500	LC55 – LC400 CV-PLUS CN10 – CN60 CA AE01 – AE08 LC55-EX – LC75-EX AE01-EX – AE08-EX
APS 1000	200 – 500	1000	LC75 – LC400 CV-PLUS CN10 – CN80 CA40 – CA60 AE01 – AE10 LC75-EX AE01-EX – AE10-EX
APS 3000	500 -1500	3000	LC220-12 – LC400 CN20, CN40 – CN100 AE04, AE06 – AE12 AE04-EX, AE06-EX – AE12-EX
APS 5000	1500 – 2000	5000	LC300 – LC400 CN50 – CN100 AE06 – AE12 AE06-EX – AE12-EX
APS 7000	2000 - 3500	7000	CN80 – CN100 AE10 – AE12 AE10-EX – AE12-EX

The closed vertical bead mill is available as follows:

- Bead mill APS** Basic version for 0,5 mm milling beads. Also available in vacuum, pressure, ceramic and nano version.
- Bead mill APS nano** Version for extremely small beads from 0,1 mm to 1 mm. Also available in vacuum, pressure and ceramic version
- Bead mill APS ceramic** Milling impeller, sieve and the insert part of the container are available in SiSiC or ZrO₂. Also available in vacuum, pressure and nano version.
- Bead mill APS vacuum** Fine grinding in a completely closed system under vacuum. Also available in ceramic and nano version.
- Bead mill APS pressure** Modular bead mill designed for pressurized operation. Also available in ceramic and nano version.

Dispersing and fine grinding combined in one single instrument

In combination with a milling system APS the laboratory dissolver DISPERMAT® changes into a closed, discontinuously operating bead mill. The system is easily adapted to the corresponding dissolver via the dissolver shaft or the adapter flange. The DISPERMAT® can be used as a dissolver as well as a bead mill.



Advantages of modular milling systems APS:

- Closed, easy to use milling systems,
- Simple and secure handling,
- High material yield due to pneumatic press-out-system,
- Double walled milling container for cooling or heating,
- Cooling liquid is contained by self-sealing quick couplers,
- Mill base separation from bead charge by a sieve, integrated in the base of the container,
- Sealing of sieve by simple plug system,
- Interchangeable milling tool

Closed vertical bead mill – environment-friendly and efficient milling technology

- Dispersion in a closed system,
- Low energy consumption,
- Very easy to clean,
- Fast change of grinding stock

Akcesoria dla systemu APS

System APS	Narzędzie mielące	Ilość peretek (ml)
APS 30	EMS T20	12
APS 50	DMS 28	20
APS 125	EMS T30, MICRO, DMS 32	50
APS 250	EMS T45, MINI, DMS 45	100
APS 500	EMS T60, MC 25, DMS 60	200
APS 1000	EMS T75, DMS 70	400
APS 3000	EMS T90, DMS 100	1200
APS 5000	DMS 130	2000
APS 7000	DMS 150	2800