

EASYMILL-LAB

CM-50
RS-50
HM-1



WE
CARE
ABOUT
MILLING

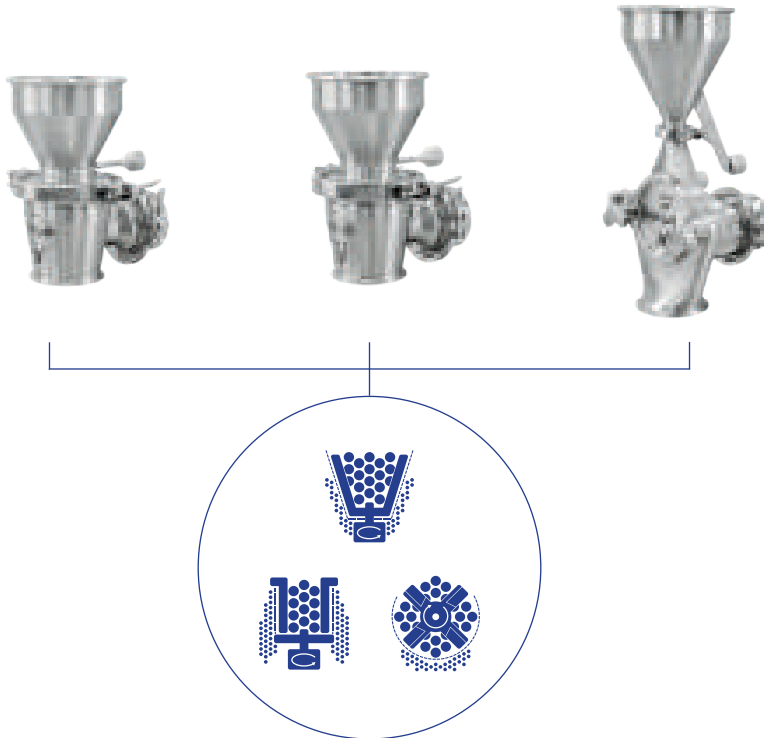


EASYMILL-LAB

FLEXIBLE, COMPACT & EFFICIENT

FREWITT, a world leader in powder size reduction technologies, presents EasyMill-Lab, offering modular milling solution for the pharmaceutical, chemical and food industries.

EasyMill-Lab technology allows you to use 3 milling processes in a single platform, ensuring simple and efficient use.



MODULARITY

The EasyMill-Lab concept with its 3 distinctly different milling processes, allows you to cover a wide range of size reduction technologies.

FLEXIBILITY

EasyMill-Lab facilitates quick and easy installation of 3 milling processes for seamless interchangeability within a few seconds.

PERFORMANCE

Conceived for laboratory application with small quantities, EasyMill-Lab also offers the flexibility to reach higher throughput for pilot production.

SCALE-UP

EasyMill-Lab ensures the grinding results obtained from lab-scale to our production mills are perfectly scaled.

SECURITY

Safety is important for all of us. EasyMill-Lab is compliant for use in strict compliance with pharmaceutical industry requirements, as well as with GMP, FDA and ATEX standards.

COST EFFECTIVENESS

Due to our modularity concept, you ensure a rationalization of your investment, but also a better space usage since one machine replaces the footprint of three. You can simply buy your required milling technology and later add to the platform according to your future needs.

EASYMILL-LAB CM-50

EasyMill-Lab CM-50 is a high-performance conical sieve mill for the calibrating and de-agglomeration of any type of milling, dry or wet.



YOUR BENEFITS

- 1 Perfectly scalable to our production range
- 2 Compact tabletop machine, installed within minutes
- 3 Optimized and flexible investment, allowing anticipation of your future needs
- 4 Wide choice of tools available for all types of applications
- 5 Machine developed with our commitment of FREWITT CARES ABOUT YOU

PROCESS CHARACTERISTICS



Dimensional reduction range
150 microns < D90 < 10 millimeters



Productivity
Batch mode
50 g - 1 kg

Continuous mode
up to 120 kg/h



Product temperature range
-20 °C to +60 °C

TECHNICAL CHARACTERISTICS



Materials

AISI 316/316L - Ra < 0.8	Interior
AISI 304/304L - Ra < 1.4	Exterior
EPDM/PTFE	Seals



Dimensions & weight

Length	700 mm
Width	400 mm
Height	300 mm
Weight	30 kg

EXECUTION



Standard

- Simple HMI interface
- Glass product container
- Inlet funnel
- WIP cleaning (head only)



Options

- Mobile cart
- Mobile cart with lifter
- Head certified ATEX
- Volumetric feed dispenser
- Manual bridge breaker for inlet funnel

EASYMILL-LAB RS-50



EasyMill-Lab RS-50 is a rotary sifter for the calibration and de-agglomeration of any type of sieving, dry or wet.

YOUR BENEFITS

1

Perfectly scalable to our production range

2

Compact tabletop machine, installed within minutes

3

Optimized and flexible investment, allowing anticipation of your future needs

4

Wide choice of tools available for all types of applications

5

Machine developed with our commitment of FREWITT CARES ABOUT YOU

PROCESS CHARACTERISTICS



Dimensional reduction range
150 microns < D90 < 10 millimeters



Productivity
Batch mode
50 g - 1 kg
Continuous mode
up to 150 kg/h



Product temperature range
-20 °C to +60 °C

TECHNICAL CHARACTERISTICS



Materials

AISI 316/316L - Ra < 0.8 Interior
AISI 304/304L - Ra < 1.4 Exterior
EPDM/PTFE Seals



Dimensions & weight

Length 700 mm
Width 400 mm
Height 300 mm
Weight 30 kg

EXECUTION



Standard

Simple HMI interface
Glass product container
Inlet funnel
WIP cleaning (head only)



Options

Mobile cart
Mobile cart with lifter
Head certified ATEX
Volumetric feed dispenser
Manual bridge breaker for inlet funnel

EASYMILL-LAB HM-1



EasyMill-Lab HM-1 is a high-performance hammer mill for the fine milling and pulverization of hard, crystalline, elastic or fibrous products.



YOUR BENEFITS

- 1 Perfectly scalable to our production range
- 2 Compact tabletop machine, installed within minutes
- 3 Optimized and flexible investment, allowing anticipation of your future needs
- 4 Wide choice of tools available for all types of applications
- 5 Machine developed with our commitment of FREWITT CARES ABOUT YOU

PROCESS CHARACTERISTICS



Dimensional reduction range
30 microns > D90 > 10 millimeters



Productivity
Batch mode
50 g - 1 kg
Continuous mode
up to 120 kg/h



Product temperature range
-20°C to +60°C

TECHNICAL CHARACTERISTICS



Materials

AISI 316/316L - Ra < 0.8 Interior
AISI 304/304L - Ra < 1.4 Exterior
EPDM/PTFE Seals



Dimensions & weight

Length 700 mm
Width 400 mm
Height 300 mm
Weight 30 kg

EXECUTION



Standard

Simple HMI interface
Glass product container
Inlet funnel
WIP cleaning (head only)



Options

Mobile cart
Mobile cart with lifter
Head certified ATEX
Volumetric feed dispenser
Manual bridge breaker for inlet funnel



WORLDWIDE PRESENCE



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