

FREWITT 

# EASYMILL LAB

CM-50, RS-50, HM-1



WE  
CARE  
ABOUT  
MILLING

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# 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.**

**SUITABLE FOR THE FOLLOWING INDUSTRIES:**



Pharmaceutical



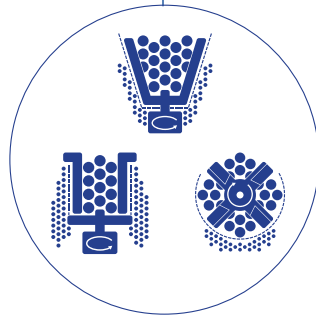
Battery



Chemical



Food



## MODULARITY

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

## SCALE-UP

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

## FLEXIBILITY

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

## 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.

## PERFORMANCE

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

## 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 & 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 **FREWITT CARES ABOUT YOU**

### PROCESS CHARACTERISTICS



**Dimensional reduction range**  
150 microns < D90 < 10 mm



**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 μm    Interior  
AISI 304/304L - Ra ≤ 1.4 μm    Exterior  
EPDM/PTFE    Seals



#### Dimensions & weight

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

### EXECUTIONS



#### Standard

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



#### Optional

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 & 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  
FREWITT CARES ABOUT YOU

### PROCESS CHARACTERISTICS



**Dimensional reduction range**  
150 microns < D90 < 10 mm



**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 μm    Interior  
AISI 304/304L - Ra ≤ 1.4 μm    Exterior  
EPDM/PTFE                            Seals



#### Dimensions & weight

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

### EXECUTIONS



#### Standard

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



#### Optional

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 & 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 **FREWITT CARES ABOUT YOU**

### PROCESS CHARACTERISTICS



**Dimensional reduction range**  
30 microns < D90 < 10 mm



**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 μm Interior  
AISI 304/304L - Ra ≤ 1.4 μm Exterior  
EPDM/PTFE Seals



#### Dimensions & weight

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

### EXECUTIONS



#### Standard

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



#### Optional

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



WORLDWIDE PRESENCE



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