



Latest Innovations

Innovative solutions developed
across all areas of technology

Product Catalogue

Laboratory Milling Equipment

SE-LAB-9003
SE-LAB-9004
SE-LAB-9011

Technological Advantages

Across All Markets and Sectors

LABORATORY MILLING EQUIPMENT- APPLICATION OVERVIEW

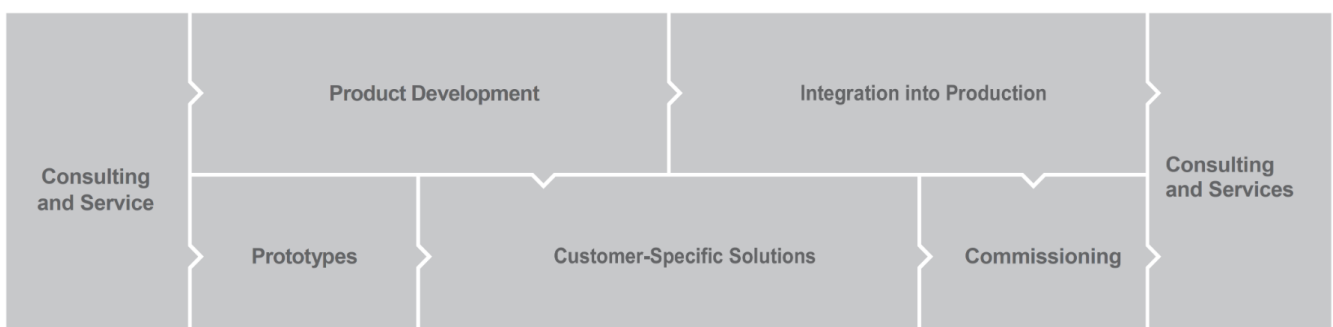
Laboratory Milling Equipment is designed to simulate industrial milling processes under controlled laboratory conditions for accurate flour quality evaluation and research applications. This category includes the Roller Type Lab Mill, Laboratory Test Sieve Shaker, and Quadrumat Senior Type systems, enabling precise grain cleaning, tempering, grinding, and particle size analysis. These instruments provide representative flour samples for quality testing, process optimization, and product development. By reproducing real milling stages on a laboratory scale, these machines allow professionals to evaluate milling performance, extraction rates, and flour characteristics before full-scale production. Laboratory milling solutions are essential for wheat quality assessment, flour formulation studies, and research trials. They support data-driven decisions in milling optimization, raw material selection, and product standardization within professional cereal processing environments.

FEATURES & ADVANTAGES

- ▶ Precise simulation of industrial milling processes
- ▶ Accurate evaluation of milling performance and flour yield
- ▶ Reliable particle size distribution and sieving analysis
- ▶ Supports wheat quality assessment and product development
- ▶ Enables laboratory-scale flour production for testing
- ▶ Improves process optimization and extraction control
- ▶ Fast and repeatable laboratory milling performance
- ▶ Compliance with international milling and laboratory standards
- ▶ Durable construction suitable for continuous laboratory operation
- ▶ Enhances research efficiency in milling and cereal technology facilities

APPLICATION FIELDS

- ▶ Wheat flour mills
- ▶ Whole wheat flour milling plants
- ▶ Semolina (durum wheat) production lines
- ▶ Pasta flour production facilities
- ▶ Corn flour milling plants
- ▶ Rusk (galeta) flour mills
- ▶ Wheat reception and raw material intake control points
- ▶ Milling, sifting, and quality control sections



Technological Advantages

Across All Markets and Sectors

SE-LAB-9003 ROLLER TYPE LAB MILL- APPLICATION OVERVIEW

The ROLLER TYPE LAB MILL is designed to simulate industrial roller milling processes at laboratory scale. It produces representative flour samples for quality testing, extraction rate analysis, and product development studies. With controlled grinding stages and precise gap adjustment, it ensures reliable performance evaluation for milling laboratories and research facilities.



TECHNICAL SPECIFICATIONS

Parameter	Specification
Electrical Connection	380 Volt AC, 50/60 Hz
Power Consumption	350 W
Sample Quantity	500 g
Dimensions (W × D × H)	460 × 540 × 610 mm
Net Weight	53 kg

Technological Advantages

Across All Markets and Sectors

SE-LAB-9004 LABORATORY TEST SIEVE SHAKER- APPLICATION OVERVIEW

The SE-LAB-9004 LABORATORY TEST SIEVE SHAKER is designed for accurate particle size distribution analysis in flour and grain samples. By providing controlled and repeatable sieving action, it ensures precise classification of milled products. Ideal for quality control laboratories and research facilities, it supports milling performance evaluation and consistent product standardization.



TECHNICAL SPECIFICATIONS

Parameter	Specification
Electrical Connection	220 Volt AC 50/60 Hz
Power Consumption	25 W
Sample Quantity	100 G
Test Duration	5 Minutes
Net Weight	37 kg / 25 kg

Technological Advantages

Across All Markets and Sectors

SE-LAB-9011 QUADRUMAT SENIOR TYPE / STYLE- APPLICATION OVERVIEW

The QUADRUMAT SENIOR TYPE / STYLE is a laboratory-scale milling system designed to replicate industrial wheat milling processes with high accuracy. It enables controlled grinding and separation to produce representative flour samples for quality analysis, extraction studies, and research applications. Ideal for milling laboratories, it supports reliable performance evaluation and product development.



TECHNICAL SPECIFICATIONS

Parameter	Specification
Electrical Connection	380 Volt AC 50/60 Hz
Power Consumption	1,1 kw
Dimensions (W × D × H)	940 × 1820 × 530 mm
Sample Quantity	1 kg
Net Weight	330 kg

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