

# LITech GmbH

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## Sample Preparation

### Solutions

#### **Lab Equipment**

Pressure Filters  
Flotation Machines  
Blender  
Working Benches  
Pellet Presses  
Bottle Rollers

#### **Sampling**

Samplers  
Riffle Splitters  
Rotary Sample Dividers

#### **Sieving**

Test Sieves  
Sieve Shakers  
Separation

#### **Milling**

Jaw Crushers  
Ball Mills  
Knife Mills  
Mortar Grinders  
Rotor Mills  
Disc Mills  
Pulverizers  
Cutting Mills  
Pin Mills  
Rolls Crushers  
Hammer Mills

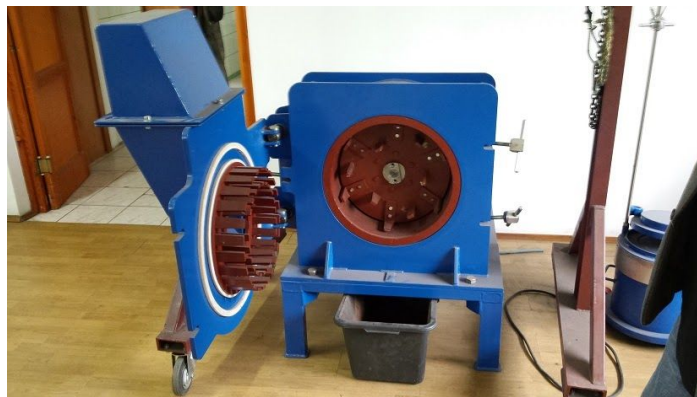
#### **Services**

Engineering  
Spare parts  
Wear parts  
Repairs

## Rotor mills RM 110 / 250 / 400

“The **LITech rotor mills** (pin mills) are mainly used for the rapid milling of soft and medium-hard materials.

The **rotor mills RM 110 / 250 / 400** are indispensable for commercial laboratories, industry and universities where soft and medium-hard materials must be quickly and easily prepared for subsequent analysis.



Rotor mill RM 400 (open)

Features and benefits at a glance:

- High throughput
- High reduction rate
- High end fineness
- Interchangeable ring sieves
- Safety Inlet Hopper
- Easy to clean/access milling chamber
- Integration versions available
- Combi feeder / sampling / screening - "custom-made" on request
- CE conform

Technical specifications:

Typ	RM 110	RM 250	RM 400
Max. size*	<10mm	<45mm	<80mm
Endfineness*	<50µm	<100µm	<100µm
Sieves*	0.1 - 6mm	0.2 - 10mm	0.2 - 10mm
Throughput*	Up to ~ 5litre/batch	~400kg/h	~1000kg/h
El. requirements	1 phase	3 phase	3-phase
Power	0.5 kW	3kW	7.5kW
Dimensions*	40x50x40cm	65x100x140cm	80x120x140
Weight*	40kg	230kg	350kg
CE-conform	Yes	Yes	Yes

\*depending on material & accessories & settings



Rotor mill RM 250 (open)



RM 110 open / closed

**LITech sample preparation solutions** are used in the following major industries / application fields:

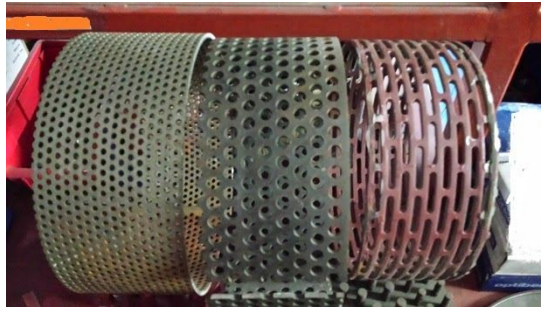
aggregates, bentonite, catalysts, ceramics, chalk, chemicals, citric acid, (char-) coal, coke, construction, ferroalloys, glas, kaolin, limestone, minerals, mining, non-ferrous, ore, precious-metals, recycling, slags, soil, sugar, sulfur, waste, and many, many more!!



RM rotor / pin solutions (depending on application)

The milling capacity and the end fineness of the sample material depends on the type of rotor/pin mill & ring sieve and on the breaking characteristics of the sample material.

All wear parts can be replaced easily.



The ring sieves are available with round, square & slotted holes!

We further supply individual sample preparation equipment “custom-made”!