

For grinding a variety of materials for subsequent analyses

Brabender: Rotary Mill



Brabender® Rotary Mill

for grinding a wide variety of materials for subsequent laboratory analyses

The material is fed into the rotary mill's milling chamber via a feed funnel. It is then dosed via a slider on the funnel's outlet.

The mill's interior features four fixed blades made from a special steel. The rotor fixed to the motor shaft is fitted with six interchangeable, adjustable blades, whose cutting edges work against those of the fixed blades, shredding the material. The shredded material then falls through the sieve into the collection container.

All residues are milled further, until the desired degree of fineness has been achieved.

Technical Data

- Dimensions (BxHxT): 320 x 600 x 610 mm
- Weight: ca. 55 kg
- Mains connection: 3x 400 V; 50/60 Hz + N + PE;
2,6 A 3x 230 V; 50/60 Hz + PE; 4,7 A



Rotary Mill (schematic diagram)

Highlights

Knives made of high-quality special steel

- 4 fixed knives in the grinding chamber, 6 exchangeable and adjustable knives on the rotor (see schematic diagram)

Interchangeable sieves

- with different finenesses (perforations from 0.5-5.0 mm available)

Low cleaning effort

- Dust leakage is significantly reduced thanks to an effective sealing system

Safety provisions

- Microswitch on the door, safety switch on the collecting hopper and in the grinding housing

Application examples

- Grains (analyses according to Farinograph whole grain method (ICC standard no. 15/1, Falling Number, Glutomatic)
- Plastics
- Tobacco
- Fibrous materials (hay, grass, straw, leaves etc.)
- Tough materials (leather, animal skins, linoleum, pulp etc.)
- Solid materials (pasta, roots, coconut shells etc.)