

Knife Mills, RETSCH

GRINDOMIX GM 200 / GM 300

Application:

The Knife Mill Grindomix GM 200 and GM 300 are suitable for quick and gentle grinding and homogenization of foodstuffs. They process substances with high water, oil or fat content as fast and reliably as dry, soft and medium-hard products.

Features:

- Efficient homogenization of up to 700 ml sample material thanks to the powerful 1000 W drive (GM 200)
- Efficient size reduction of up to 4,500 ml feed quantity due to a powerful 1.1 kW motor (peak power input >3 kW) (GM 300)
- Pre- and fine-grinding in one mill: cutting action in regular mode, grinding by impact in reverse mode, pre-grinding in interval mode
- Perfect adaptation to application requirements by variable speed from 500 to 4,000 min⁻¹ with an increment of 100 min⁻¹ (GM 300) and 2000 to 10,000 min⁻¹ with an increment of 500 min⁻¹ (GM 200)
- Optional gravitation lid for automatic reduction of the grinding chamber volume
- 8 SOPs and 4 sequences can be stored
- Touch display with access to MyRETSCH web portal with product and application related information

Includes:

GM 200 complete with 1 litre grinding container of autoclavable plastic, standard lid and knife made of stainless steel

GM 300 complete with 5 litre grinding container of autoclavable plastic, standard lid, standard knife made of stainless steel and scraper

Technical data:	GM 200	GM 300
Input grain size:	< 40 mm	< 40 mm
Final grain size:	< 300 µm	< 300 µm
Throughput/batch:	approx. up to 700 ml	up to 4500 ml
Dimensions (W×H×D):	350 × 275 × 392 mm	440 × 340 × 440 mm
Weight:	approx. 10 kg	approx. 30 kg
Power supply:	230 V/50-60 Hz	220 – 230 V/50-60 Hz

Article	Order No.
① GRINDOMIX GM 200	53 29 25101
② GRINDOMIX GM 300	10 29 25102

Accessories for GRINDOMIX GM 200

Article	Order No.
Grinding container made of autoclavable plastic, 1 liter	10 29 23057
Grinding container made of PP, 1 liter	53 29 50047
Grinding container made of glass, 1 liter	53 29 50046
Grinding container made of stainless steel, 1 liter	53 29 50050
Standard lid made of PP	10 29 20562
Chamber reduction lid of from PP for reducing the chamber volume to 0.5 liter	53 29 70310
Chamber reduction lid of from PP for reducing the chamber volume to 0.25 liter	10 29 20606
Gravity lid for grinding containers made from autoclavable plastic or PP	53 29 70327
Gravity lid with overflow tubes for grinding containers made from autoclavable plastic or PP	53 29 70323
Gravity lid for grinding containers made from glass or steel	53 29 70328
Gravity lid with overflow tubes for grinding containers made of glass or steel	53 29 70308
Scraper	53 29 23001
Knife made of stainless steel	53 29 60014
Knife made of pure titanium for heavy-metal-free grinding	10 29 26021
Knife of stainless steel Full metal blades and knife cylinder	10 29 26049
Knife of stainless steel with serrated blade autoclavable	10 29 26054



③ Accessories GRINDOMIX GM 300

Article	Order No.
Grinding container made of autoclavable plastic	10 29 22056
transparent and scratch-resistant, 5 litre, including knife holder	
Grinding container made of autoclavable plastic	10 29 23056
transparent and scratch-resistant, 5 litre, without knife holder	
Grinding container made of stainless steel	10 29 22055
5 litre, including knife holder	
Grinding container made of stainless steel	10 29 23055
5 litre, without knife holder	
Standard lid made of autoclavable plastic	10 29 20449
transparent and scratch-resistant	
Gravity lid made of autoclavable plastic	10 29 20465
transparent and scratch-resistant	
Gravity lid made of autoclavable plastic	10 29 20480
with overflow tubes, transparent and scratch-resistant	
Standard knife made of stainless steel, autoclavable	10 29 22030
Scraper	10 29 25702

