

WE 'R' SHARP



NEW KNIFE MILL GM 300

BENEFITS

- Quick and gentle grinding and homogenization of foodstuffs
- Variable speed from 500 – 4,000 min⁻¹
- Powerful 1.1 kW industrial motor
- Autoclavable grinding tools
- Easy changing and cleaning of grinding containers
- Interval operation, reverse mode
- Mode for preliminary and fine grinding
- Digital parameter setting
- Memory for 10 parameter combinations

www.retsch.com/gm300

IDEAL FOR:

- CHEESE, FROZEN PRODUCTS, FEED PELLETS, FISH, FRUIT, BACON, MEAT, SAUSAGES, SEEDS, SPICES, VEGETABLES

FOR LARGE SAMPLE VOLUMES:

- HOMOGENIZATION OF UP TO 4.5 LITERS IN A SINGLE RUN

Retsch®

Solutions in Milling & Sieving

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KNIFE MILL GRINDOMIX GM 300

Performance data	GRINDOMIX GM 300	
Applications	size reduction, homogenization and mixing	
Feed material	soft, medium-hard, elastic; containing water, fat or oil, dry	
Feed size*	≤ 130 mm	
Final fineness*	< 300 µm	
Grinding chamber volume with	standard lid	gravity lid
	5,000 ml	4,500 ml
Max. feed quantity	4,500 ml	
Speed setting	digital, 500 - 4,000 min ⁻¹	
Grinding time setting	digital, 5 seconds - 3 minutes	
Interval mode	yes	
Reverse mode	yes	
Memory for 10 parameter combinations	yes	
Technical data		
Drive	3 phase asynchronous motor with frequency converter	
Power consumption	1,100 W	
W x H x D	440 x 340 x 440 mm	
Weight	approx. 30 kg	
*depending on feed material and instrument configuration/settings		

Order data

Knife Mill GRINDOMIX GM 300	Item No.	
GRINDOMIX GM 300, complete with cutting container 5 liter of plastic, standard lid, standard knife and scraper	20.252.0001	
GM 300 for 220-230 V, 50/60 Hz	20.252.0001	
Other electrical versions available for the same price		
Cutting container	without knife holder	including knife holder
Cutting container of plastic, 5 liter, transparent, autoclavable and scratch-resistant	03.045.0056	02.045.0056
Cutting container of stainless steel, 5 liter, autoclavable	03.045.0055	02.045.0055
Container lids		
Standard lid of plastic, transparent, autoclavable and scratch-resistant	02.107.0449	
Gravity lid of plastic, autoclavable and scratch-resistant	02.107.0465	
Gravity lid of plastic, with overflow channels, autoclavable and scratch-resistant	02.107.0480	
Knife		
Standard knife made of stainless steel, autoclavable	02.446.0030	
Other accessories		
Scraper, for easier recovery of sticky samples	05.723.0002	

Ask for our special introductory offer!



Homogeneous samples in seconds

The new knife mill GRINDOMIX GM 300 is the ideal instrument for the grinding and homogenization of foodstuffs. It allows to process **sample volumes up to 4.5 liters** quickly and reproducibly.

With four sharp, robust blades and a powerful industrial motor which can reach temporary peaks of 2500 W, it is ideal for homogenizing substances with a high water, oil or fat content as well as for grinding dry, soft and medium-hard products. The GRINDOMIX GM 300 meets and exceeds all special laboratory and analytical requirements and is superior to any commercial household mixer.

Thanks to freely selectable parameters such as speed, grinding time, interval and reverse mode, the GRINDOMIX GM 300 can be adjusted to a great variety of applications. The operation of the mill is **exceptionally simple and safe**. The GRINDOMIX allows filling and emptying the container separately from the mill. This also makes cleaning very simple and helps to avoid cross-contamination by possible sample residues. Moreover, **all parts of the GM 300 which come into contact with the sample material are autoclavable**.

Retsch®

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