

INNOVATIVE TECHNOLOGIES

Cutting Mill

CM200



TORONTECH



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Introducing the **Cutting Mill CM200** – your perfect companion for preparing samples for **heavy-metal-free RoHS and WEEE tests**.

Whether processing solid samples in batches or continuously, this versatile machine excels. Even with long fiber and large-volume samples, it effortlessly handles them without the need for pre-crushing, ensuring streamlined operations.

Discover CM200's versatility, setting a new benchmark in sample preparation excellence.

Feed Size:
< 60*80mm

Final Fineness:
< 0.1-20mm

Speed:
500~3000rpm

APPLICATION

Sample Type

Electronics, Environment, Cement, Agriculture, etc.

Related Fields

Polymer Industry:

- Rubber, Plastic.

Waste Management:

- Garbage, Circuit Boards, Cardboard, Paper, Electronic Waste, Non-Metallic Waste.

Natural Material:

- Wood, Leather, Straw, Raw Materials, Bones, Lignite.

Food & Agriculture:

- Spices, Grains, Animal Feed, Peat.

Working Principle

Our cutting mill exemplifies efficiency and precision, utilizing powerful cutting and shearing forces to process samples effectively.

As your sample enters the cutting chamber via the hopper, it undergoes shredding by rotating and fixed knives. Each pass through the chamber ensures uniformity and accuracy. After passing through the attached sieve for final refinement, the sample emerges as the ground product, ready for use.

This streamlined process concludes with the collection of the ground product in a waiting bucket, showcasing the cutting mill's commitment to excellent sample preparation.



PRODUCT ADVANTAGES

Efficient Operation:

- Achieves effective size reduction, even for heterogeneous mixtures.
- Suitable for temperature-sensitive samples due to quick and low-heat milling.

Versatile Settings:

- Offers adjustable speed ranging from 500 to 3000 rpm, with continuous adjustment for precise control.
- Final fineness depends on the bottom sieve, ensuring customizable results.
- Equipped with a large touchscreen panel for a user-friendly interface, including speed adjustment.

Safety Features and Convenience:

- Ensures safe operation with an electric safety switch.
- Facilitates easy cleaning with removable parts for convenient maintenance.

Flexible Collection Systems:

- Offers a wide range of collection systems to meet various requirements.

TECHNICAL SPECIFICATION

ITEM	TECHNICAL PARAMETER
Feed size	<60*80mm
Final fineness	0.1~20mm
Speed	500~3000rpm
Sieves	0.20/0.5/1.00/2.00/4.00/6.00/8.00/10.00mm
Collector	0.25L,0.5L,1L,3L,5L,30L
Rotor	6-disc rotor, standard rotor
Rated power	3.0KW
Power supply	380V,50/60Hz (110V Also available upon request)
Instrument size (W*D*H)	640*825*1510mm
Package size (W*D*H)	900*960*1450mm


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of TEST)**™



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