

GRINDER, MDY-1000



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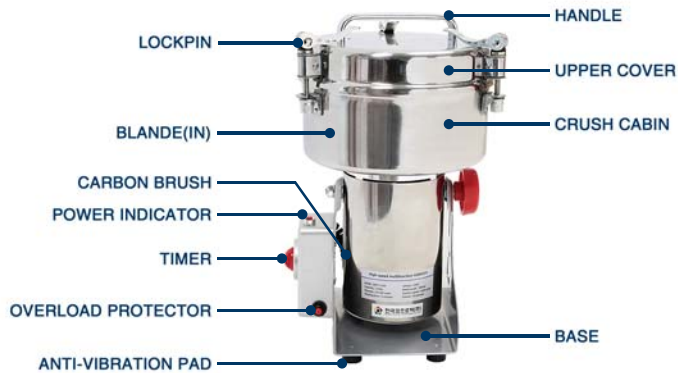
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Brief Introduction

The high-speed multi-functional grinder features are as follow, Fine structure, low noise, small size, no vibration, compact appearance and easy operation.

It can grind all kinds of corns and grains into fine powder at 50-300 mesh. It is widely used in families, clinic, hospital, pharmacy and institute laboratories.

Unpacking the Instrument



MDY-1000

Specifications

Model	MDY-1000
Grinding Capacity (g)	1000
Voltage (V)	230
Pated Power (W)	3000
Rotation Speed (r/min)	30000
Fineness (mesh)	70-300
Working time (minutes)	5
Interval (minutes)	10
Dimension (mm)	245x245x41

Operations Guide

1. Open the upper cover and put the material inside;
2. Close the upper cover tightly;
3. Plug in and turn on the timer switch, then turn on the switch for grinding (Rolling sound will be heard);
4. Turn off the switch (When you hear the sound rolling evenly, the material has been grinded into powder, then you can turn off the switch);
5. Open the upper cover and take the powder out;

Important Attentions

1. The spice grinder materials ready for grinding must be dry. And wet, moisture or oil materials are not suitable to be grinded into powder.
2. Each input material shall not exceed the rated weight or half capacity of crush cabin so that there is enough space for powder.
3. After switch on, if finding the material is wet or excessive in weight, it will jam the blade and stop the motor by giving warning noise. So must plug out immediately to prevent motor from being damaged. And remove the jammed object. Then restart grinding.
5. The spice grinder grinding work usually needs 30 seconds to 1 or 2 minutes. Over time working will cause bearing overheating.

Trouble shooting

Trouble	Cause	Elimination method (*Please turn off power when doing following)
Motor not work after power on	1.poor contact between the plug and socket	1.repair or change the plug, or socket.
	2. power switch broken	2.repair the power switch
	3.air over-load protector protecting	3.press the air over-load protector, restart
	4.carbon brush ware out	4.change the carbon brush
Motor runs slowly, or not runs, even vibrates	1.stuck inside of crush cabin by material, or foreign subject	1.remove the stuck stuff
	2.low power volrage	2.adjust the power voltage
Motor cabin over heat	1.over load capacity	1.decrease the grinding material, reduce work stress
	2.motor moist	2.dry the motor
Spark on the carbon brush surface	3.low power voltage	3.adjust the power voltage
carbon brush surface	carbon brush surface not smooth	remove the stuff on the surface

Disassembly of the Blande



1. Fix a screwdriver
2. Use cap-nut disassembly tools rotating counterclockwise to disassemble the cutter

Disassembly of the Carbon brush



1. Use the tool wrench as a screwdriver to remove the brush caps in a counterclockwise direction
2. Remove the brushes from the tool by pulling on the spring that is attached to the carbon brush. If the brush is less than 1/8" long and the end surface of the brush that contacts the commutator is rough and/or pitted, they should be replaced. Check both brushes

Warranty

This instrument has a warranty of 12 months from date of purchase which covers material and workmanship.

KOREA PROCESS will repair or replace free of charge the defect parts which were found defective after an inspection finds that the defect is due to materials or workmanship.

The warranty for this equipment does not cover normal wear from using it and does not apply to any instrument or part which has been altered by anyone else than an employee of KOREA PROCESS or its authorized agents.

It also does not cover instruments which have been damaged due to accident, negligence of the user, failure to follow the operating instructions, the use of electric currents and circuits other than in this manual, misuse of the unit or abuse of it. We reserve the right to change or modify or improve any of our instruments without any obligation to make corresponding changes to any instrument previously sold.



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