



Desktop Powder Grinder Machine

Our desktop powder grinder machine is a compact, high-efficiency tool. It is used for small-batch grinding in a wide range of industries, such as traditional Chinese medicine, pharmaceuticals, food, chemicals, and laboratory research. It uses a high-speed steel blade system to finely grind materials. This delivers consistent results with minimal effort. The desk model is perfect for research labs, clinics, and small production businesses. This grinder combines speed, precision, and easy operation, a reliable choice for manufacturers who need fine powder milling.

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Automatic Powder Grinder Machine YF-3B



The YF-3B powder grinder can quickly crush dry materials like herbs, Chinese medicine, spices, grains, and beans. It delivers even results in a short time, especially suitable for products that require fine powder. This grinding machine is widely used in the pharmaceutical, food, chemical industries, and research centers. It is mainly applied for small batch production and laboratory use. Its overall design also meets CGMP standards. This ensures a clean, safe, and compliant production process.

Features

- ✓ **High-speed motor.** The machine is powered by an 800W motor. It drives the blades at high speed for strong crushing and cutting performance.
- ✓ **Adjustable fineness.** It can produce powder with a fineness of 0.2–1.0 mm. So users can choose the right level based on different materials.
- ✓ **Wide application.** This grinder is suitable for use in both Chinese and Western medicine, food processing, chemical



production, and laboratory research.

- ✓ **Compact and lightweight.** With a size of 180×170×370 mm and a weight of only 3.5 kg, it is easy to move and fits well in small workspaces.

Technical Parameters

Model	YF-3B
Powder fineness	0.2-1.0mm
Capacity	200g
Revolving speed	2500r/min
Power Supply	110V 60Hz / 220V 50Hz
Machine Weight	3.5kg
Dimensions	180x170x370mm

Automatic Powder Grinder Machine YF2-1

The YF2-1 powder grinder is a high-performance grinding machine. It uses high-speed airflow and particle collision to crush materials into ultra-fine powder. It is suitable for dry powders that need precise and consistent particle sizes. This machine features a compact design and simple controls. All parts that touch the material are made of stainless steel and fully meet GMP standards. It ensures a clean and safe production process.

Features



- ✓ **High-powered motor.** Equipped with a 2300W motor and durable metal fan blades, the grinder reaches speeds up to 25,000 rpm for strong and stable performance.



- ✓ **Continuous operation.** Built-in air-cooling system allows for non-stop grinding, making it suitable for extended use without overheating.
- ✓ **Low noise & vibration.** Advanced structure reduces noise and shaking, creating a quieter and more stable working experience.
- ✓ **Easy to use and move.** Weighing just 12.5 kg, the machine is easy to carry and safe to operate.
- ✓ **Screenless design.** No mesh screen is used. It helps avoid contamination and keeps the product pure, ideal for sensitive materials.

Technical Parameters

Model	YF2-1
Capacity	Continuous operation
Voltage	220V 50Hz / 110V 60Hz
Power	2300W
Rotational Speed	25000r/min
Machine Weight	12.5kg
Dimensions	250x250x460mm

Automatic Powder Grinder Machine YF3-1



The YF3-1 airflow superfine pulverizer is a compact and powerful machine. It is designed for the precision grinding of dry materials of different types. It is widely used in the pharmaceutical, food, chemical industries, and research labs. The machine uses high-speed mechanical forces to break down materials like herbs, grains, and fibrous substances into fine powder. YF3-1 excels in producing consistent grinding quality. The side-discharge design and special twill grooved plate help deliver even particle sizes. Its built-in airflow system not only cools the chamber but also removes dust, so no extra dust-removal equipment is needed. The motor runs at 2800 rpm and provides stable power for various batches. Operators can choose from filter screens with different mesh sizes to meet desired fineness. This makes the YF3-1 both flexible and efficient.



Features

- ✓ **Safe and sanitary design.** The pulverizing chamber is made entirely of stainless steel, and the outer shell uses aluminum alloy to improve heat dissipation and hygiene. A safety switch ensures secure operation.
- ✓ **Low noise performance.** The vertical motor keeps noise levels low, around 45 decibels, making it suitable for quieter working environments.
- ✓ **Efficient dust and heat removal.** An adjustable air inlet damper helps remove dust and heat, reducing the need for extra dust-removal equipment.
- ✓ **Durable blade and crushing system.** The alloy steel blade supports hammer-style crushing and handles both fine powders and special materials efficiently.
- ✓ **Easy maintenance and blade replacement.** The blade set and grinding plate are easy to remove and replace. It simplifies cleaning and maintenance.
- ✓ **Customizable filter mesh.** Filter screens can be customized from 10 to 150 mesh to suit different fineness requirements.

Technical Parameters

Model	YF3-1
Capacity	Continuous operation
Output	2-20kg/h
Fineness	0.5-1.0mm
Voltage	220V 50Hz / 110V 60Hz
Power	2200W
Rotational Speed	2800r/min
Machine Weight	25kg
Dimensions	550x170x530mm



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