

Micro Powder Mill

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HGM series **micro powder mill** is processing equipment for fine powder and super fine powder. The micro powder mill's mainly used to grind non-flammable, non-explosive non-mental materials with medium and low hardness, temperature below 6%, and mohs hardness below 9 degrees.



Features of Micro Powder Mill

1. Low cost. With same fineness and motor power, it invest less comparing with airflow mill, stirring mill, [ball mill](#), which is of low cost, short recovery period and twice more production capacity.
2. High powder outlet ratio. With same product fineness and energy consumption, the capacity is 45% higher than that of airflow mill and stirring mill.
3. Less loss of wearable parts, long service life. All wearable parts are of high-quality abrasion resistant materials both at home and abroad, the service life of which is longer than ordinary mill, generally more than one year.
4. High security and reliability, running safely and stably in the grinding cavity. Comparing with ordinary mill, the super fine mill has advantages of no rolling draft, no bolts. Thus, there is no problem of weariness of drafts and other seal parts, which can avoid bolts losing and machine damage.
5. High fineness of final product. Final fineness can reach $d_{97} \leq 5\mu\text{m}$.
6. Environmental conservation. High efficient pulse dust removing device is adopted, which can guarantee little dust pollution of the whole equipment. Silencer room is allocated,

which will reduce dust pollution and noise, meeting the national environment protection standard, and protecting the surrounding environment.

Technical Data of Micro Powder Mill

Mm to inch conversion: 25.4millimeters=1 inch

The humidity and hardness of raw material will affect the fineness and capacity.

Model	HGM80	HGM100
Roller number	21	27
Diameter (mm)	Φ800	Φ1000
Ring number	3	3
Main unit speed(mm)	180-235	150-200
Max. feeding size(mm)	<10	<10
Final size (mesh)	300-3000	300-3000
Capacity (kg/h)	500-3500	900-6500
Overall dimension (m)	12.4×3.5×5.8	14.5×5.0×8.6

Note: Any change of **Micro Powder Mill** technical data shall not be advised additionally.

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