

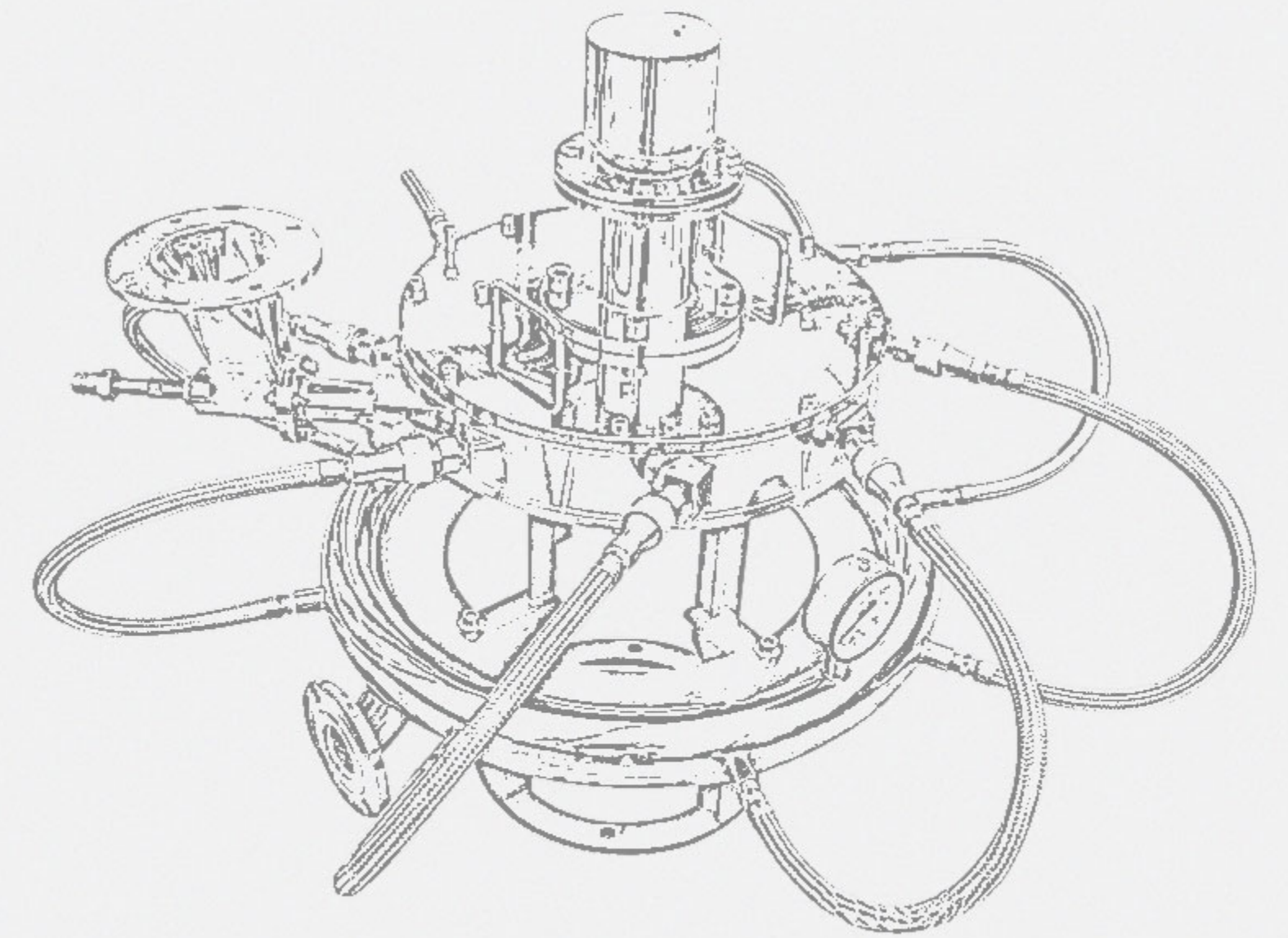
# Product brochure

Product display/Product details  
Technical parameter/Customer case

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## Disc Jet Mill

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**2021** | Shandong  
ALPA

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# Disc Jet Mill

No transmission parts, self grading milling

D50:1.5~45 $\mu$ m

Particle size range

Compressed gas is introduced into the grinding chamber through the feeding ejector, and driven by the high-speed air-flow of multiple nozzles, it is sprayed on the grinding wall in a tangent way to achieve the effect of friction grinding. The grinding fineness can be controlled by adjusting the longitudinal depth of the grinding chamber, the grinding pressure or the feeding speed. Compared with the fluidized bed air jet mill, the controllability of grinding fineness is lower.

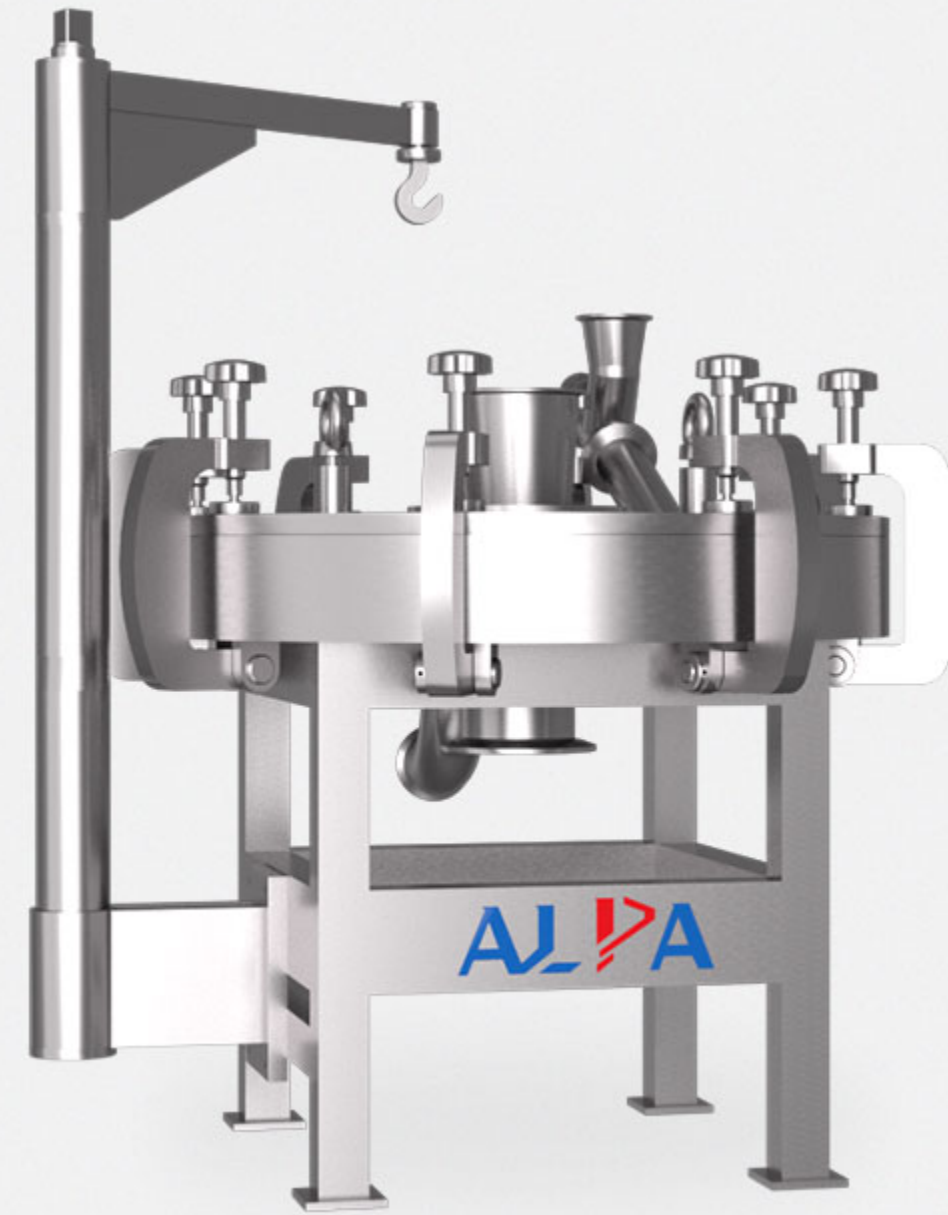




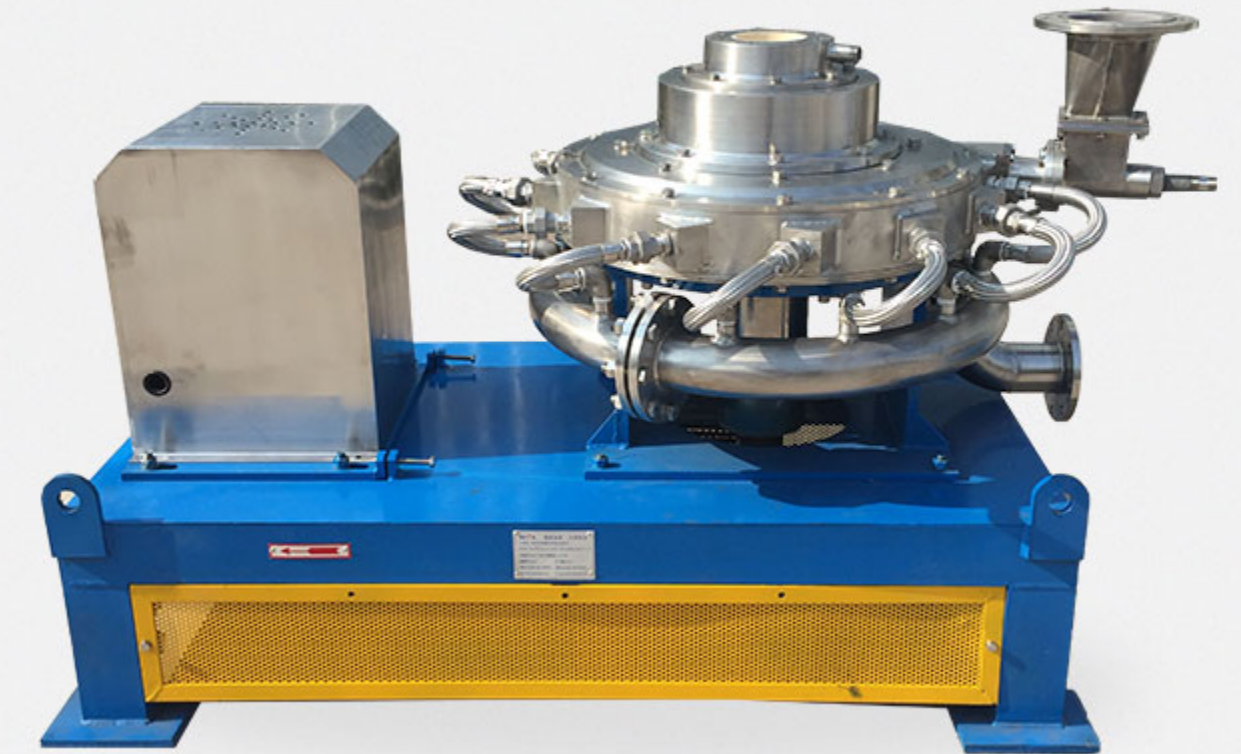
# Product display



MQP Spiral Jet Mill  
Disc Jet Mill



MQP Pharmaceutical  
Special Spiral Jet Mill



MQPW Spiral Jet Mill



- The particle size range is D50: 1.5-45  $\mu$  m, more suitable for the dispersion and reduction of aggregates
- The crushing process depends on the collision of the material itself, so the equipment is wear-resistant and the product purity is high
- The key parts such as lining and nozzle can be made of alumina, zirconia, silicon carbide and other ceramic materials to ensure zero contact with metal in the whole crushing process and meet the requirements of high purity materials
- It is suitable for dry grinding of all kinds of materials with Mohs hardness below 7, especially for grinding of materials with high hardness, high purity and high added value
- No dead angle, no material storage risk, easy to realize explosion-proof verification, no potential safety hazard, extremely simple cleaning, convenient disassembly and replacement of accessories
- No transmission parts, self classification structure, a large number of nozzles, high crushing efficiency
- The control system is controlled by program and easy to operate
- The explosion-proof design can be selected, and the nitrogen circulation system can also be upgraded to meet the needs of superfine grinding of flammable, explosive and oxidizable materials





## Technical parameter

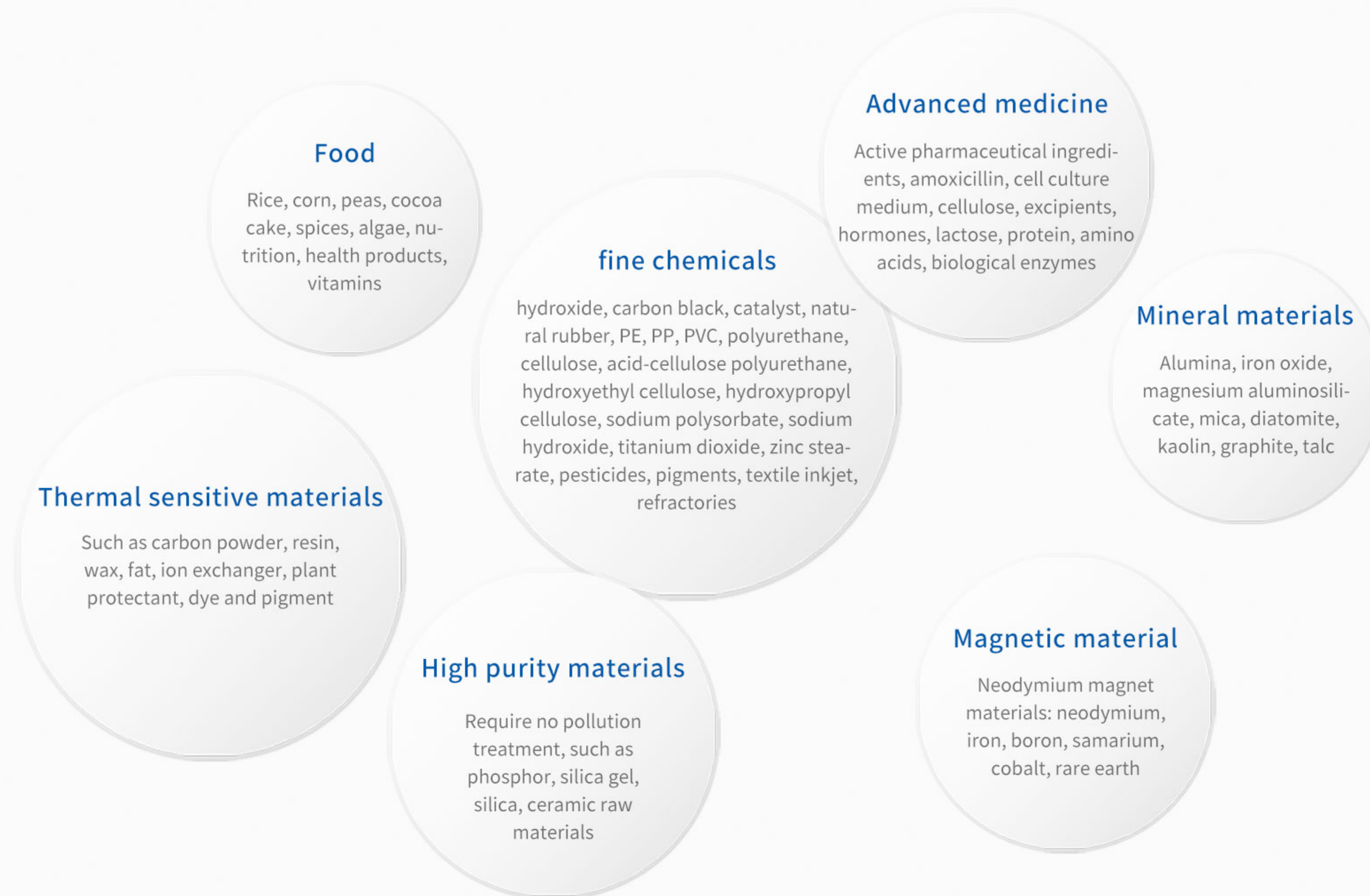
Parameters / specifications	MQP03	MQP06	MQP10	MQP20	MQP40	MQP60	MQP80
Feed size (mm)	<5	<5	<5	<5	<5	<5	<5
Product size (D97:μm)	8~150	8~150	8~150	8~150	10~150	10~150	10~150
Production capacity (kg/h)	5~100	10~200	20~400	50~800	150~1500	300~2000	400~6000
Air consumption (m <sup>3</sup> /min)	3	6	10	20	40	60	80
Air pressure (Mpa)	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85
Installed power (kW)	26~37	47~68	68~106	145~184	276~310	402~427	520~600





## Technical parameter

Parameters / specifications	MQPW06	MQPW10	MQPW15	MQPW20	MQPW30
Feed size (mm)	<2	<3	<3	<3	<3
Product size (D97:μm)	8~150	8~150	8~150	10~150	10~150
Production capacity (kg/h)	10~200	20~400	50 ~800	150 ~ 1500	300~2000
Air consumption (m <sup>3</sup> /min)	6	10	15	20	30
Air pressure (Mpa)	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85	0.7 ~ 0.85
Installed power (kW)	30~37	65~85	85~100	120~142	175~200







# Customer case



MQP10



MQPW30



MQP10



MQPW20



MQP03



MQP20



MQP10



MQP02



MQP03



MQP20