



Innovation Empowers Sample Preparation,
Intelligence Achieves Simplicity



AF500 Three-dimensional mixer



蚂蚁源科学仪器（北京）有限公司
ANTS SCIENTIFIC INSTRUMENTS (BEIJING) CO., LTD.

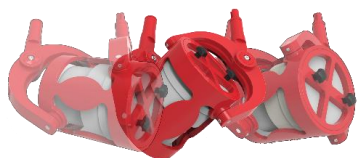


AF500 Three-dimensional mixer

The AF500 three-dimensional mixer is mainly used to mix substances of different types, different particle sizes and requiring high uniformity mixing. The sample is mixed in a completely closed container, which can achieve “dry-dry”, “dry-wet”, “wet-wet” sample mixing.

Working Principle

The three-dimensional mixer mainly uses the principle of rotation, movement, and upside down to mix the sample in the closed space, and can achieve the best mixed effect in a short time.



Technical Information

Technical parameter	AF500 Three-dimensional mixer
Feed material	dry particles or powder samples, wet samples
Container volume	2L, 1L, 500ml (Optional)
Material of container	plastic, stainless steel, aluminum
Speed	20~120rpm, digital display, continuous adjustment
Mixing time	1S~99h59min59s, digital display, continuous adjustment
Pause time	1S~59min59S, digital display, continuous adjustment
Premium time	1S~99h59min59s, digital display, continuous adjustment
Storable cycle programs	1~20 times
Storable SOPs	10 groups
Run mode	forward, reverse, intermittent
Control panel	LCD touch display
W×H×D	463mm×380mm×607mm
Net weight	Approx. 50Kg
Electrical parameter	AC220V, 50Hz/60Hz, 250W



Performance Advantages

- ◎ Three-dimensional motion, smaller shear;
- ◎ Optional container volume, large processing capacity, high degree of mixing;
- ◎ Mixing containers of different materials to suit different samples;
- ◎ Easy to operate, easy to disassemble and easy to clean;
- ◎ No dust pollution, improve the experimental environment;
- ◎ LCD touch screen for a comfortable operating experience;
- ◎ Compact design minimizes maintenance of the instrument.

Application



Environment



Food



Medicine



Coke



Material

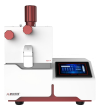
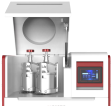


Chemical electronics



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Milling Series

 AM100S Vibratory Ball Mill	 AM200S Mortar Grinder	 AM300 Cutting Mill	 AM300S Cutting Mill	 AM350 Beater Mill	 AM360 Turbo Mill	 AM400S Planetary Ball Mill
 AM410 Planetary Ball Mill	 AM420 Planetary Ball Mill	 AM500S High Speed Rotary Mill	 AM600S Knife Mill	 AM700 Jaw Crusher	 AM710 Extrusion Crusher	 AM750S Bench Jaw Crusher
 AM800 Disc Mill	 AM800CC Disc Mill	 AM810 Disc Mill	 AM900 Vibratory Disc Mill	 AM950 Vibratory Disc Mill		

Assisting Series

 AF100S 3D Vibratory Sieve Shaker	 AF150 Horizontal Sieve Shaker	 AF200S Sample Automatic Divider	 AF300 Vibratory Feeder
 AF400 Rotating Tube Divider	 AF450 Rotating Sample Divider	 AF500 3D Sample Mixer	 AF510 3D Sample Mixer

Intelligent Series

 AISP1678 / AISP1700 Intelligence Soil Preparation System	
 ADVM1001 / ADVM1001CS Vacuum Microwave Drying Series	

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