



Innovation Empowers Sample Preparation,
Intelligence Achieves Simplicity



AF510 Three-dimensional mixer



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

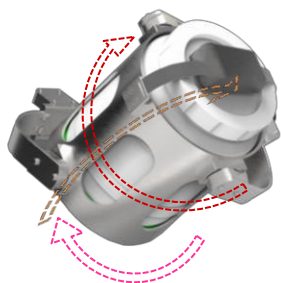


AF510 Three-dimensional mixer

The AF510 three-dimensional mixer is a laboratory equipment that is mixed with a large amount of samples, which can achieve high uniformity mixing. In three-dimensional space, it can do a compound movement in the ring, radial and axis at the same time, so it can provide stronger mixed capabilities. 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 mixed sample instrument 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.

Performance Advantages

- ◎ Optional container volume, maximum 10L hybrid container. Large processing volume and high degree of mixed;
- ◎ Different volume-mixed containers are tightened with different adapters, which can be flexibly switched according to the needs of different samples;
- ◎ Can push-pull doors, convenient operation and strong safety;
- ◎ Three-dimensional exercise methods, there are no dead ends in all directions, smaller shear;
- ◎ Mixed containers of different materials to adapt to different samples;
- ◎ The operation is simple, the container is easy to disassemble and easy to clean;
- ◎ No dust pollution, low noise, improve the experimental environment;
- ◎ LCD touch display, comfortable operating experience;
- ◎ The maintenance of compact structure, minimizing instrument.

Technical Information

Technical parameter	AF510 Three-dimensional mixer
Feed material	dry particles or powder samples, wet samples
Container volume	10L, 2L, 1L, 500ml, 250ml (Optional)
Material of container	plastic
Speed	10~24rpm, digital display, continuous adjustment
Mixing time	0S~99h59min59s, digital display, continuous adjustment
Pause time	5S~59min59S, digital display, continuous adjustment
Premium time	0S~99h59min59s, digital display, continuous adjustment
Storable cycle programs	1~20 times
Storable SOPs	10 groups
Run mode	positive rotation, reverse, intermittent
Control panel	LCD touch display
W×H×D	660mm×660mm×790mm
Net weight	Approx. 180Kg
Electrical parameter	AC220V, 50Hz/60Hz, 750W

Application



Environment



Food



Medicine



Coke



Material



Chemical electronics



Adapter type



250ml
Adapter



500ml
Adapter



1L
Adapter

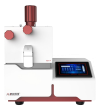
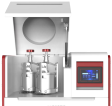


2L
Adapter



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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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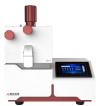


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