



Innovation Empowers Sample Preparation,
Intelligence Achieves Simplicity



AF150 HORIZONTAL SIEVE SHAKER



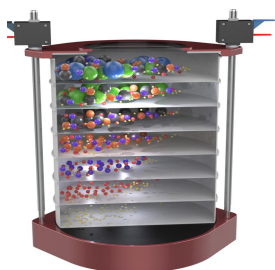
蚂蚁源科学仪器（北京）有限公司
ANTS SCIENTIFIC INSTRUMENTS (BEIJING) CO., LTD.

AF150 HORIZONTAL SIEVE SHAKER

The AF150 Horizontal Sifter is a horizontal circular vibrating sifter that mainly sieves dry, powdery samples and loose materials. Comfortable fastening device can quickly fix and adjust the position of the sieve cover, which greatly improves the working efficiency of sieving. Applicable to a variety of diameter analysis sieves from 100~400mm, customers can freely choose the sieving volume of the sample to achieve the function of multi-machine. Color LCD touch panel, easy to operate, can be adjusted to different speeds, interval time, to adapt to different samples screening needs.



Working Principle



The AF150 sieve discs are powered by a motor and rotate horizontally with a 15 mm radius through energy transmitted by an eccentric device. The sifter can hold multiple sieves, and samples are sorted in descending order starting from the top sieve. Samples are horizontally vibrated in the sifter until samples smaller than the analyzer sieve aperture sequentially fall down, with the finest samples collected in the tray. Each sieve in the analyzer corresponds to a particular sample size, facilitating the grading of the samples.

Performance Advantages

- ⊙ Sieving with circular motion
- ⊙ Sieve stack up to a height of 510 mm
- ⊙ 100, 200, 300, and 400 mm diameter analytical sieves can be accommodated
- ⊙ Memory for up to 10 standard operating procedures is available, with the option to configure intermittent mode
- ⊙ All screening parameters, such as rotation speed, running time, and interval time, are adjustable via digital means
This improves the instrument's effectiveness and standardization
- ⊙ Comfort fasteners for quickly securing and releasing analyzer sieves
- ⊙ Sieve analyzer can easily connect through a usb port



Application



Fertilizers



Chemicals



Seeds



Soils



washing
Powder



Tobacco



Construction
Materials

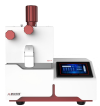
Technical Information

Technical parameter	AF150 HORIZONTAL SIEVE SHAKER
Feed material	powders, bulk materials
Measuring range	45um~63mm
Max. batch / feed capacity	5kg
Max. number of fractions	7/9/17
Max. mass of sieve stack	15kg
Speed	50-300rpm, digital
Time display	1-99min, digital
Interval operation	1-10min, digital
Storable SOPs	10
Suitable sieve diameters	100/200/300/400mm
W x H x D	530mmX907mmX570mm
Net weight	95kg
Electrical parameters	220V 50Hz·200W

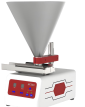


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Milling Series

 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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