

SCIENTZ-12/SCIENTZ-24

SCIENTZ-24 high-throughput tissue grinder adopts 4.3" touch screen display, the parameter setting is simple and intuitive, and the operation is stable. It is capable of quickly processing multiple samples at the same time in the fields of research institutes, universities, agricultural institutes, biomedicine, and food testing Professional setting.

This product supports the extraction and purification of raw DNA, RNA and proteins including soil, plant and animal tissues / organs, bacteria, yeast, fungi, spores, paleontological specimens, etc. Supports dry grinding, wet grinding, mixed grinding and homogenization. The closed disposable centrifuge tube effectively avoids sample cross-contamination. It has the characteristics of high repeat ability, good uniformity and sufficient grinding.

FEATURES

- Supports placing the centrifuge tube directly in the adapter, and directly pre-freezing the centrifuge tube
- The grinding process is completely closed, and the samples move independently to avoid cross-contamination
- Built-in program controller, simple and convenient parameter setting
- Using silent design to reduce interference to the surrounding environment
- Equipped with a safety door lock, with the protection function of opening and stopping the stall, with high safety
- Vertical vibration, more sufficient grinding, excellent consistency for multiple grinding of the same sample
- Quick grinding of 24 samples in a short time

TECHNICAL PARAMETERS

Model	SCIENTZ-24	Frequency Setting	500-2500rpm
Power	220v/50Hz	Jig Distance	20mm(vertical)
Rate Power	180W	Sample Capacity	24 holes for 2ml adapter
Time Setting	1-9999s	Display	4.3 inch TFT touch
Protection	open cover protection, emergency braking function		
Model	SCIENTZ-12		
Power	220v/50Hz		
Rate Power	100W		
Time Setting	1-9999s		
Speed setting	500-2100 rpm		
Data storage	can store 50 sets of data		
Fixture stroke	40mm (vertical)		
Sample capacity	Standard: 12ml 2ml adapter Optional: 6 holes for 5ml adapter Optional: 10ml, 15ml, 25ml, 50ml grinding tank Optional: Freezing adapter.		
Grinding method	wet grinding, dry grinding, pre-freezing grinding		
Grinding beads	φ3mm 316L steel balls (100 pieces) φ6mm 304 steel balls (100 pieces),Optional zirconia beads		
Display	4.3 inch touch screen		
Protection	open cover protection, emergency braking function		
Dimensions	225mm × 275mm × 350mm (length x width x height)		
Weight	≤12KG		
Power	220V / 50Hz		

