

# SCIENTZ-48

HIGH-THROUGHPUT TISSUE GRINDER

## TECHNICAL PARAMETERS

Power Supply	220V/50Hz
Rated Power	180W
Timing	1s-9999s
Frequency Setting	10-70Hz,300-2100times/min
Clamp Stroke	34mm(vertical)
Sample Capacity	2ml Adaptor 48hole,5ml Adaptor12 hole
Display	7inch TFT Touch Screen
Protection	Open lid protection, Emergency braking function
Dimension	L369*W360*H520mm
Accompany accessories: 500pcs 3mm stainless steel ball and 500pcs 6mm stainless steel ball	



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## Laboratory Paddle Blenders

Germfree Homogenizer, also known as flap homogenizer, is widely used in the homogenization treatment for animal tissue and biological samples, also used for the following testing areas: food, pharmaceutical ,cosmetics, clinics molecule, toxin and bacteria, particularly suitable for preparation of micro-organism testing samples. The device is made Of stainless steel and can effectively separate the surface of solid sample from a sample with germs inside.The samples are packed in germfree disposable homogenization bags, and thus is in no contact with any parts of the instrument. It has such feature as soft homogenization, no pollution,no damage,no temperature-rise,no sterilizing treatment, no need to wash the utensils. so as to meet the requirements for being fast, accurate and repeatable. This product is also suitable for homogenizing tumor tissues( such as liver, intestines cancer, stomach cancer, breast cancer) not only can to obtain large numbers of single cells( $2 \times 10^5$  within 2 minutes) but also crush tissues cells (such as liver cells)more gently.



## TECHNICAL PARAMETERS

Model	Scientz-04	Scientz-09	Scientz-11L
Timing	30、180、600s or ∞ (continuous working Turn)	0.1 ~ 99min (to 0.1mins step)	
Rap Speed	6-9 time/Sec	3~12times/Sec (to 0.1minutes step) Display the actual rattling number, the system	
Capacity	3-400ml	3-400ml	3-400ml
Ratting Box	Stainless Steel	Stainless Steel	Stainless Steel
Parameter storage	NO	1 More than 10 groups of multi-stage programming	More than 10 groups of multi-stage programming
Power	300W	300W	500W
Display	LCD	Digital	LCD
Temperature control	NO	NO	Room temperature--50 °C to set, temperature display
UV Disinfection	NO	NO	YES
Sterile bag	17*30cm	17*30cm	17*30cm
Net Weight	22.5Kg	18.5Kg	18.5Kg
Protection Device	With auto-stop anti-trap feature, Removable windows and adjustable slap board, toughened glass security door		
Dimensions	400*420*260mm	420*245*340mm	420*245*340mm