

avans Adjustable Speed Tissue Grinder

Features :

- Motor driven, save time and energy
- Adjustable speed with speed display on LCD screen
- Minimize the sample loss
- Ideal for mixing, disrupting and homogenizing micro volume samples
- A better solution for sample preparation experiments with a commercial DNA/RNA Extraction & Purification Kit and protein extraction
- Disrupt tissue(bacteria, yeast, animal, and plant) in micro-centrifuge tubes
- Disrupt cells with chemicals, ice treatment or liquid nitrogen treatment
- Completely homogenize small samples in molecular diagnostic, food analysis, pharmaceutical research, medical research, and neuroscience applications
- Emulsions and suspensions of micro-volume samples
- Homogenize nano-particles

AG-3080

Specifications :

- DC Power : 12V DC5A
- Maximum Power Output: 50W (continuous output)
- Motor Control: brushless motor with speed control servo system
- Speed Range : 3000~8000 rpm
- Dimension : 170 x 50 x 26mm
- Weight : 145g



Market Evaluation	Tools	Micro Homogenizer	Pellet Pestle Cordless Motor	Motor-Driven Adjustable Speed Tissue Grinder
	Speed	10000~30000 rpm	2000~3000 rpm	3000~8000rpm
	Torque	big	small	big
	Function	disrupting, homogenizing	mixing	mixing, disrupting, homogenizing
	Battery	Big 8.75VDC, 1.6Ah, Battery Pack	AA batteries	12V DC5A
	Battery duration Advantage	0.4 hr	N.A.	N.A.
	Disadvantage	without low speed option, heavy battery pack, short battery time, and heavy body	torque is too small and the battery is not rechargeable	Adjustable speed, big torque, fair price, small light