

Manual of mini mixer

1、 Instrument application:

Mini mixer is mainly used for solvent mixing, liquid-liquid extraction, protein precipitation, Chinese herbal medicine extraction, pesticide residue extraction, cell particle resuspension, Plasmid Extraction and other experiments. It is also an indispensable mixing equipment for pharmacokinetics, drug analysis, biochemistry, hospital, feed detection, pesticide residue analysis, environmental analysis, commodity inspection, petrochemical and other laboratories. The mixer is suitable for mixing solution in test tube, flask and beaker. The mixing speed is dozens of times of manual mixing, and the mixing is uniform and thorough. The instrument integrates all functions such as continuous, speed regulation, point vibration, plate type, bowl type, etc. The utility model has the advantages of simple and reliable structure, small volume, low power consumption and convenient operation. It is the right assistant for the majority of scientific researchers and laboratory operators.

2、 Technical parameters:

model	KW-3000-1	KW-3000-2	KW-3000-3
Voltage	100-240V 50/60HZ		
Motor power	12W		
Speed range	0-3000rpm		
Operation mode	Inching	Jog + speed	Inching / continuous + speed
ambient temperature	5-40℃		
ambient humidity	≤85%		
Outer box size	200*130*120mm		
Instrument size	110*90*80mm		
Net weight	0.5KG		

3. Operation steps

- a、 Put the mixer on a flat working interface and turn on the power.
- b、 Press the tube that needs to be mixed vertically and gently on the rubber swivel head. Instrument can be used for mixed liquid medium
- c、 Turn on the power, turn on the power switch, and slowly adjust the speed control knob to the required speed
- d、 After the experiment, turn off the switch and cut off the power supply to ensure safety.

4. Precautions for use

- a、 It is forbidden to move the instrument during operation, and it is forbidden to extend the finger into the movement gap.
- b、 When the instrument is working, keep the table level. When cleaning the instrument, disconnect the power supply first.
- c、 When the machine is working at high speed, there should be a special person to take care of it. Don't stack heavy objects on the workbench.
- d、 When stopping working, the speed control knob must be placed in the minimum position, the switch must be turned off, and the power supply must be cut off.

5. Repair and maintenance

- a、 The instrument does not need special maintenance, and the natural wear of parts is normal.
- b、 The power supply of the instrument must be disconnected before cleaning, and only the cleaning solution approved by the company can be used when cleaning the instrument.
- c、 It should be stored in a dry, ventilated place without corrosive gas.
- d、 Check every six months during continuous work.