

Digital Roller Mixer KJMR-IIA

Operation Manual

1. Introduction

Thank you for choosing our KJMR-IIA Digital Roller Mixer. This instrument is designed particularly for various places such as school, laboratory, clinic in hospital etc. It not only adapts to mixing for blood routine test by whole blood method, but to powder reagent and freeze-dried quality control material as well as the liquid in sealed bottles or containers. It has the features like reasonable structure, fresh shape, various functions, less requirements for labor, and digital *displaying* with controlling the speed and time. Two models for choice: continuously constant speed and timing constant speed. It can match with *hematology analyzer* and *Hemorheology analyzer*, etc.

2. Parameter

Operation method:	Shake and Roll
Max. loading weight:	≤1Kg
Shaking diameter:	22mm±1mm
Speed range:	20-100rpm
Speed controlling precision:	±3rpm
Speed/Time display:	LED
Time setting range:	1-999min
Operation mode:	Timing/Continuous
Permissible ambient temperature:	5-40°C
Permissible relative moisture:	80%
Protection class according to DIN EN 60529:	IP43
Voltage:	100-240V
Frequency:	50/60Hz
Equipment input power:	10w

3. Operation instruction:

1) Open the package and take out equipment with the spare parts, then connect the power line to the equipment.

2) a. Timing constant speed

Press the button under left LED ("▲" for adding time, "▼" for reducing time) to set required time. And then press the button under

right LED("▲" for speed up, "▼" for speed down) to set required speed. Press "○" to start the operation.

b. Continuously constant speed

Set the timing LED as "000", then chooses the required speed. The press "○" to start the continuous operation.

3) Press "○" to pause the equipment if necessary during operation.

4. Attention

- 1) Please choose the platform with better friction and level coefficient.
- 2) Avoid intense vibration during transportation to protect delicate spare parts.
- 3) Do keep the ex-work package in case repairing required in the future.
- 4) If repairing required, do clean the equipment before returning to avoid bio-pollution. And well put the equipment back to the original package.
- 5) Disconnect the power plug if equipment free. And do keep the equipment in a dry and clean place with normal temperature.
- 6) The AC power should get reliable earthing. Meanwhile, do use the machine within specified power voltage.
- 7) Please get the equipment on operation when the rollers need cleaning. Hand pushing is strictly prohibited for protecting all the spare parts.
- 8) One year after using, to avoid dry friction between rollers and bearing, please drop little lubricating oil into the two ends of every roller.

5. Spare parts

Power line 1 piece