

ROTATOR(ROLLING)

MIXER-RO SERIES

MIXER-RO series rotator is an instrument that uses the rotation of rollers to achieve sample mixing, and is widely used in laboratories. By driving the roller to rotate with a motor, the sample container placed on the roller generates centrifugal force during the rotation process, thereby achieving sample mixing. This mixing method ensures that the sample is subjected to forces in multiple directions, thereby achieving a more uniform mixing effect.



PRODUCT FEATURES

- LCD digital display, can set the speed for continuous operation and timed operation; (Limited to LCH-Mixer-6ST, LCH-Mixer-6RT models)
- Compact design, using 6 rollers, can carry multiple samples for simultaneous mixing, saving laboratory space and suitable for experimental needs of various specifications of sample tubes or bottles;
- Support horizontal scrolling and high-low swaying scrolling, with full and gentle mixing that does not damage cells;
- Using efficient DC motor drive for smooth operation;

Product Model	LCH-Mixer-6S	LCH-Mixer-6ST	LCH-Mixer-6R	LCH-Mixer-6RT
Image				
Voltage (V)	AC100-240			
Frequency (Hz)	50/60			
Power(W)	12			
Display Mode	/	LCD	/	LCD
Running Trace	High,low swaying rolling		Horizontal rolling	
Speed Range (rpm)	20-80			
Timing Range	/	1-99h59min	/	1-99h59min
Amplitude (mm)	25	25	/	/
Rolling Axis Size	Φ29×280mm			
Number of Rolling Axis	6			
Motor Type	DC brushed motor	DC Brushless Motor	DC brushed motor	DC Brushless Motor
Loading Capacity (with bracket)	Centrifuge tube: 5ml*10,15ml*10,50ml*10,100ml*6			

ROTATOR(ORBITAL)



MIXER-OR SERIES

MIXER-OR series rotator is a device that generates eddy currents in the sample through a rotating platform, thereby achieving thorough mixing of the sample. It is suitable for mixing liquid samples and solutions, commonly used in fields such as chemical experiments and biological experiments.



PRODUCT FEATURES

- LCD digital display, can set the speed for continuous operation and timed operation; (Limited to LCH-Mixer-RDT model)
- Wide voltage design effectively avoids interference from unstable power supply to the instrument;
- Multiple disc clips suitable for centrifuge/blood collection tube combinations of different diameters;
- The mixing angle can be adjusted from 12 to 45°, making it easy to mix various samples and disassemble and install fixtures;
- Rotating motion, mixed thoroughly, gently, and without damaging cells;
- Using efficient DC motor drive, it runs smoothly, requires no maintenance, and has a long service life.

Product Model	LCH-Mixer-RD	LCH-Mixer-RDT
Image		
Voltage (V)	AC100-240	
Frequency (Hz)	50/60	
Power (W)	12	
Display Mode	/	LCD
Running Mode	Continuous operation	Timing/continuous operation
Running Trace	Disc rotation	
Speed Range (rpm)	20-80	
Tilt Angle (°)	12~45 ° adjustable	
Timing Range	/	1min-99min59s
Motor Type	DC Brushless Motor	
Loading Capacity	Centrifuge tube: 50ml*8,15m*16,1.5/2.0ml*24 Blood collection tube: 10ml*16,2.0/5.0ml*24	

ROTATOR(LONG AXIS)



MIXER-LA SERIES

MIXER-LA series rotator is a laboratory equipment widely used in fields such as biochemistry, microbiology, medicine, and environmental monitoring. Its main function is to mix and homogenize particles in liquids and suspensions through rotation and vibration, thereby meeting various needs in the laboratory.



PRODUCT FEATURES

- LCD digital display, can set the speed for continuous operation and timed operation; (Limited to LCH-Mixer-RLT model)
- Wide voltage design effectively avoids interference from unstable power supply to the instrument;
- Standard hybrid module, suitable for centrifuge/blood collection tube combinations of different diameters, with multiple optional modules available;
- Rotating motion, mixed thoroughly, gently, and without damaging cells;
- Using efficient DC motor drive, smooth operation, maintenance free, and long service life.

Product Model	LCH-Mixer-RL	LCH-Mixer-RLT
Image		
Voltage (V)	AC100-240	
Frequency (Hz)	50/60	
Power(W)	12	
Display Mode	/	LCD
Running Mode	Continuous operation	Timing/continuous operation
Running Trace	rotation	
Speed Range (rpm)	20-80	
Timing Range	/	1min-99min59s
Motor Type	DC Brushless Motor	
Loading Capacity	Centrifuge tube:50ml*4+15ml*10+2ml*8 Blood collection tube:10m*10+2/5ml*8	