

LAB1ST



Mixing



Labfirst Scientific Instruments (Shanghai) Co., Ltd.

Rollster 6

LCD Digital Tube Roller

Features

- LCD displays the speed and time
- Rocking & rolling at variable speed
- Adjustable speed range from 10 to 70 rpm
- Six roller design for gentle and efficient rolling, and easy to clean
- DC brushless motor quiet and maintenance free
- Cold room and incubator compatible



LCD display



Timer

Rollster 6 basic

Standard tube roller

Features

- Adjustable speed range from 0 to 70 rpm
- Six roller design for gentle and efficient rolling, and is easy to clean





Applications

Lab1st laboratory tube rollers provide a gentle and highly efficient rolling motions, ideal for mixing blood samples, viscous substances and liquid-solid suspensions.

Used in a variety of applications, such as the prevention of blood coagulation, immune precipitation, etc.

Specifications	Rollster 6	Rollster 6 basic
Amplitude	24mm	24mm
Motor type	Brushless DC motor	Brush DC motor
Rocking motion	Rocking and rolling	Rocking and rolling
Max. load capacity	4kg	4kg
Number of rollers	6	6
Roller size[length]	280mm	280mm
Speed range	10 -70rpm	0-70rpm
Speed display	LCD	Scale
Timer	Yes	-
Timer display	LCD	-
Time setting range	1-1199min	-
Operation mode	Continuous/timer	Continuous
Voltage,Frequency	100-240V,50/60Hz	100-240V,50/60Hz
Power	30W	25W
Dimension [D×W×H]	485×250×100mm	485×250×100mm
Weight	5.1kg	4.5kg
Permissible ambient temperature and humidity	5-40°C,80%RH	5-40°C,80%RH
Protection class	IP21	IP21

Lab1st mixers range can be divided into different series as per mixing speed, working mode, load capacity etc:

Series	Image	Model	Speed Range	Working mode	Capacity
Vortex Mixer		Vortex S	0~3000rpm	Orbital (touch + continuous modes)	-
		Vortex F	3000rpm(fixed)	Orbital (touch + continuous modes)	-
		Vortex E	3000rpm (fixed)	Orbital (touch mode)	-
		Vortex C	0~3000rpm	Orbital (touch + continuous modes)	8x2mL
Microplate Mixer		Microster M	0~1500rpm	Orbital (continuous mode)	0.5Kg
Disk Rotator		Rotaster 3	10~70rpm	360° rolling (timer + continuous)	60x1.5mL, 16x15mL, 8x50mL, (available for 3 layers)
Rotisserie Rotator		Grillster T	10~70rpm	360° rolling (timer + continuous)	48x1.5mL, 24x15mL, 24x50mL
Disk Rotator		Rotaster 1 basic	0~80rpm	360° rolling (continuous)	48x2mL, 16x15mL, 8x50mL
Rotisserie Rotator		Grillster basic	0~80rpm	360° rolling (continuous)	32x2mL, 20x15mL, 16x50mL
Rocker		See-saw 30 basic	0~30rpm	30±3° rocking (continuous)	10x10mL, 4x50mL
		See-saw 30L	0~30rpm	30±3° rocking (continuous)	16x10mL 6x50mL
		See-saw 30D	0~30rpm	40±3° rocking (continuous)	32x10mL, 12x50mL
Roller		Rollster 6	0~70rpm	360° rocking&rolling (timer + continuous)	4Kg
		Rollster 6 basic	0~70rpm	360° rocking&rolling (continuous)	4Kg

Lab1st shaker series can be divided to different types as per different motion models:

Series	Image	Model	Plate Size	Display	Speed Range	Max. Load Capacity
Orbital Shaker		Orbiter 330	32x32cm	LCD	100-500rpm	7.5Kg
		Orbiter 250	25x24.5cm	LCD	100-800rpm	2.5Kg
		Orbiter 330 basic	33.5x33.5cm	LCD	70-400rpm	3Kg
		Orbiter 250 basic	26.8X26.8cm	LED	40-200rpm	2Kg
Linear Shaker		Recipster 330	32x32cm	LCD	100-350rpm	7.5Kg
		Recipster 250	25x24.5cm	LCD	100-350rpm	2.5Kg
Rocking Shaker		Wavester 330	30x28.5cm	LCD	10-70rpm	10Kg
		Wavester 250 basic	26.8x26.8cm	LED	10-80rpm	2Kg
3D Shaker		3D-Ster 330	30x28.5cm	LCD	10-70rpm	5Kg