

# ROTATOR



# ROTATOR

DC brushless motor provides reliable and quiet running, maintenance free and can be used in cold rooms or in incubators, Majorly used in Industrial, Clinical Laboratories, Academic Facilities, Environmental Applications, Food Technology and Wastewater Facilities.

## MIX12-80V VERTICAL ROTATING MIXER

Smart appearance, solid structure, simple operation

LED display time and speed

DC brushless motor, stable performance, low noise and long using life

360° vertical circulation rotation, operating smooth and steady

Different tube holder frames for optional to suit different types of tubes



## SPECIFICATIONS

Model	MIX12-80V
Speed Range	10-80 rpm
Temperature	Motion
Circle	Maximum Diameter Tubes
1 m-99 h59 min or continuous	Reciprocating Oscillation Range
470Wx190Dx160H mm	Operation Display Pattern
250 V,1 A, $\Phi$ 5x20	Display
4.5 kg	Power
16 W	Adaptor
AC100~230 V, 50/60 Hz	Gradient Angle Range

## MIX13-80G VERTICAL ROTATING MIXER

Humanized designed operation keyboard

LED display time and speed

Several optional turntable supplied, suit for the tubes from 1.5ml to 50ml

The turntable's gradient can be adjusted from 0 to 90 degree

Timing function

Beep alarm when program time ends

DC brushless motor, stable performance, low noise and long using life



## SPECIFICATIONS

Model	MIX13-80G
Speed Range	10-80 rpm
Temperature	Motion
Orbital	Maximum Diameter Tubes
1 m-9999 min or continuous	Reciprocating Oscillation Range
236Wx220Dx246H mm	Operation Display Pattern
250 V, 1 A, $\Phi$ 5x20	Display
35 W	Adaptor
AC100~230 V, 50/60 Hz	Gradient Angle Range

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS54682	Turntable for rotary mixing solution	50ml V-bottom tube x 10
LS54694	Turntable for rotary mixing solution	1.5ml tube x 64
LS54778	Turntable for rotary mixing solution	15ml V-bottom tube x 18

## MIX15-80T TUBE ROLLER

End-over-end or rolling action, gives gentle but effective mixing

Adjustable speed range of 0 to 80 rpm

Used with a wide variety of accessories

Continuous quiet operation



## SPECIFICATIONS

Model	MIX15-80T
Speed Range	0-80 rpm
Permissible Ambient Temperature	5-40°C
Permissible Relative Humidity	0.8
Tilt Angle (°)	90
Operation	Continuous
Overall Dimension	300Dx220Wx310H mm
Motor Type	DC motor
Protection Class	IP21
Weight	2 kg
Power	20 W
Power Supply	100-240V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52589	Disk and Rotisserie accessory	For 1.5ml x 12 centrifuge tubes
LS52602	Disk and Rotisserie accessory	For 15ml x 12 centrifuge tubes
LS52615	Disk and Rotisserie accessory	For 50ml x 12 centrifuge tubes

## MIX15-40 TUBE ROLLER

The rotator comes with a disk type design

Digital control speed and allowing procedures to be accurate

LCD displays timer

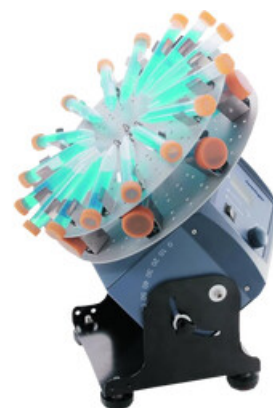
End-over-end or rolling action, gives gentle but effective mixing

Adjustable speed range of 10 to 70rpm

Adjustable mixing angle between 0 and 90 °

Used with a wide variety of accessories

Continuous and timed quiet operation



## SPECIFICATIONS

Model	MIX15-40
Speed Range	10-70 rpm
Permissible Ambient Temperature	5-40°C
Permissible Relative Humidity	0.8
Tilt Angle (°)	0-90
Operation	Continuous/ timed operation
Timer	Yes
Timing Range	1-1199 min
Overall Dimension	510Dx190Wx260H mm
Motor Type	DC motor
Protection Class	IP21
Display	LCD
Weight	8 kg
Power	40 W
Power Supply	100-240V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52459	Disk accessory	For 1.5ml x 60 centrifuge tubes holder
LS52472	Disk accessory	For 15ml x 16 centrifuge tubes holder
LS52485	Disk accessory	For 50ml x 8 centrifuge tubes holder
LS52498	Disk support rods	4 pcs, use with BX-103920, BX-103921, BX-103922

# MIX14-80 TUBE ROLLER

End-over-end or rolling action, gives gentle but effective mixing  
Adjustable speed range of 0 to 80 rpm  
Used with a wide variety of accessories  
Continuous quiet operation



## SPECIFICATIONS

Model	MIX14-80
Speed Range	0-80 rpm
Permissible Relative Humidity	0.8
Tilt Angle (°)	90
Operation	Continuous
Overall Dimension	150Dx530Wx190H mm
Motor Type	DC motor
Protection Class	IP21
Weight	1.7 kg
Power	20 W
Power Supply	100-240V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52589	Disk and Rotisserie accessory	For 1.5ml x 12 centrifuge tubes
LS52602	Disk and Rotisserie accessory	For 15ml x 12 centrifuge tubes
LS52615	Disk and Rotisserie accessory	For 50ml x 12 centrifuge tubes

# MIX16-70 TUBE ROLLER

The rotator comes with a rotisserie type design  
Digital control speed and allowing procedures to be accurate  
LCD displays timer  
End-over-end or rolling action, gives gentle but effective mixing  
Adjustable speed range of 10 to 70 rpm  
Used with a wide variety of accessories  
Continuous and timed quiet operation



## SPECIFICATIONS

Model	MIX16-70
Speed Range	10-70 rpm
Permissible Relative Humidity	0.8
Tilt Angle (°)	90
Operation	Continuous/ timed operation
Timer	Yes
Timing Range	1-1199 min
Overall Dimension	510Dx190Wx260H mm
Motor Type	DC motor
Protection Class	IP21
Display	LCD
Weight	8 kg
Power	40 W
Power Supply	100-240V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52511	Rotisserie accessory	For 1.5ml x 48 centrifuge tubes held horizontally
LS52524	Rotisserie accessory	For 15ml x 24 centrifuge tubes held horizontally
LS52537	Rotisserie accessory	For 50ml x 24 centrifuge tubes held horizontally
LS52550	Rotisserie accessory	For 1.5ml x 32 centrifuge tubes held vertically
LS52563	Rotisserie accessory	For 15ml x 16 centrifuge tubes held vertically
LS52576	Rotisserie accessory	For 50ml x 16 centrifuge tubes held vertically

## MIX11-18 3D ROTATING MIXER

Unique combination of adjustable rotating frame.

A variety of rotation modes, from mild type to somersault type rotation mode.

Positive and negative rotation just gently press the rotating frame when instrument is working.

Widely used in molecular biology, histo-chemistry, bio-chemistry, clinical applications, etc.

Provide three types of rotating frame.



## SPECIFICATIONS

Model	MIX11-18
Speed Range	18 rpm
Overall Dimension	240x145x210 mm
Weight	1 kg

Power	4 W
Power Supply	220V/110V

## MIX11-40 3D ROTATING MIXER

Unique combination of adjustable rotating frame.

A variety of rotation modes, from mild type to somersault type rotation mode.

With reciprocating oscillation function from 20 angle to 99 angle.

Widely used in molecular biology, histo-chemistry, bio-chemistry, clinical applications, etc.

Provide three types of rotating frame.



## SPECIFICATIONS

Model	MIX11-40
Speed Range	10-40 rpm
Timing Range	1s-999 min
Reciprocating Oscillation Range	20 angle ~ 99 angle
Overall Dimension	240x145x210 mm
Weight	1.2 kg
Power	4 W
Power Supply	AC100-230V

***Centrifugen***

**Centrifugen**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@centrifugen.com](mailto:info@centrifugen.com) | Website: [centrifugen.com](http://centrifugen.com)