

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, Φ 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, Ø5x20 | 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

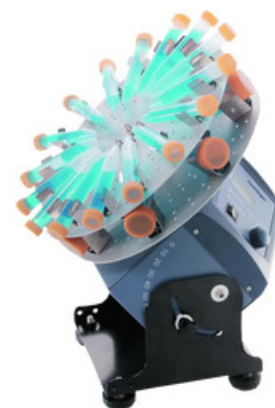
End-over-end or rolling action, gives gentle but effective mixing

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

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