

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.

Used in Industrial, Clinical Laboratories, Academic Facilities, Environmental Applications, Food Technology, Wastewater Facilities.

Also known as Tube Rotator, Rotator, Laboratory Rotator.

MT11 SERIES ROTATOR



MT111



MT112



MT113



MT114

FEATURES

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

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

Humanized designed operation keyboard

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

MT111 MT112 MT113 MT114

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SPECIFICATIONS

Model	MT111	MT112	MT113	MT114
Name	3D Rotating Mixer		Vertical Rotating Mixer	
Speed Range	18 rpm	10-40 rpm	10-80 rpm	
Overall Dimension	240x145x210 mm		470Wx190Dx160H mm	236Wx220Dx246H mm
Weight	1 kg	1.2 kg	2.8 kg	4.5 kg
Power	4 W		16 W	35 W
Power Supply	220V/110 V	AC100-230 V	AC100~230 V, 50/60 Hz	
Timing Range	-	1s-999 min	1 m-99 h59 min or continuous	1 m-9999 min or continuous
Reciprocating Oscillation Range	-	20 angle ~ 99 angle	-	-
Motion	-	-	Circle	Orbital
Fuse	-	-	250 V, 1 A, Φ 5x20	
Gradient Angle Range	-	-	-	0°~90°

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	For Models
MX1051	Turntable for rotary mixing solution	50ml V-bottom tube x 10	MT114
MX1052	Turntable for rotary mixing solution	15ml V-bottom tube x 18	MT114
MX1053	Turntable for rotary mixing solution	1.5ml tube x 64	MT114

MT12 SERIES TUBE ROLLER



MT121



MT122



MT123



MT124

FEATURES

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

Used with a wide variety of accessories

Continuous and timed quiet operation

The rotator comes with a disk type design

Digital control speed and allowing procedures to be accurate

LCD displays timer

The rotator comes with a rotisserie type design

MT121	MT122	MT123	MT124
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SPECIFICATIONS

Model	MT121	MT122	MT123	MT124
Speed Range	0-80 rpm		10-70 rpm	
Permissible Relative Humidity	0.8			
Tilt Angle (°)	90		0-90	90
Operation	Continuous		Continuous/ timed operation	
Overall Dimension	150Dx530Wx190H mm	300Dx220Wx310H mm	510Dx190Wx260H mm	
Motor Type	DC motor			
Protection Class	IP21			
Weight	1.7 kg	2 kg	8 kg	
Power	20 W		40 W	
Power Supply	100-240 V, 50/60 Hz			
Permissible Ambient Temperature	-	5-40°C		-
Timer	-	-	Yes	
Timing Range	-	-	1-1199 min	
Display	-	-	LCD	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	For Models
MX1038	Disk and Rotisserie accessory	For 1.5ml x 12 centrifuge tubes	MT121, MT122
MX1039	Disk and Rotisserie accessory	For 15ml x 12 centrifuge tubes	MT121, MT122
MX1040	Disk and Rotisserie accessory	For 50ml x 12 centrifuge tubes	MT121, MT122
MX1041	Disk accessory	For 1.5ml x 60 centrifuge tubes holder	MT123
MX1042	Disk accessory	For 15ml x 16 centrifuge tubes holder	MT123
MX1043	Disk accessory	For 50ml x 8 centrifuge tubes holder	MT123
MX1044	Disk support rods	4 pcs, use with MX1041, MX1042, MX1043	MT123
MX1045	Rotisserie accessory	For 1.5ml x 48 centrifuge tubes held horizontally	MT124
MX1046	Rotisserie accessory	For 15ml x 24 centrifuge tubes held horizontally	MT124
MX1047	Rotisserie accessory	For 50ml x 24 centrifuge tubes held horizontally	MT124
MX1048	Rotisserie accessory	For 1.5ml x 32 centrifuge tubes held vertically	MT124
MX1049	Rotisserie accessory	For 15ml x 16 centrifuge tubes held vertically	MT124
MX1050	Rotisserie accessory	For 50ml x 16 centrifuge tubes held vertically	MT124

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