

Low Speed Centrifuge

Scope of Application

Features a large touchscreen display, microcomputer control, and brushless AC inverter motor for high precision and low noise. With DCT(Different Centrifugation Technology), it can separate different sized organelles in one time.

Key Features



Smart Control

7-inch touchscreen with one-key setup for speed/RCF/time/acceleration profiles; Stores at least 20 programs supporting 15 speed gradients.



Robust Steel Construction

304 stainless steel chamber with reinforced frame; Brushless AC motor .



Triple Safety Protection

Auto-stops when detecting: Rotor imbalance (dynamic monitoring); Vibration overload (6-axis gyroscope); Installation errors (electronic gradienter); Lid locks during operation.



Silent Efficiency

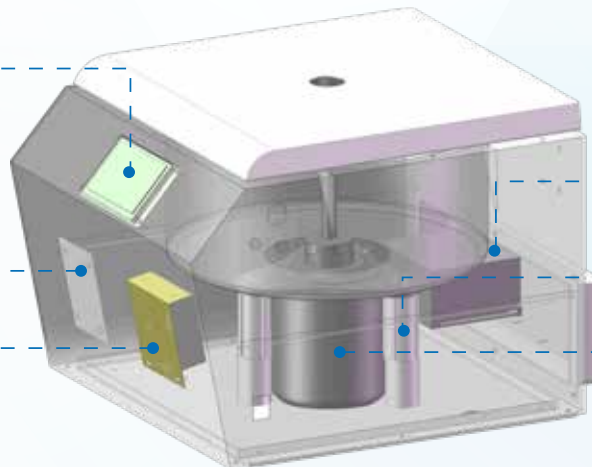
Operates at low noise; Gravity-assisted door hinge for smooth access;

7-inch LCD Touch Screen



Main Control Board

DC Power Supply



Inverter

Shock absorber

Brushless DC Drive Motor

Specifications



Model	MLX-2002	MLX-2018	MLX-2030
Max Capacity	15ml x 12	18(pc) x 1	7ml x 12
Max Speed(rpm)	5000	2000	4000
Max RCF(xg)	3130	720	1800
Speed Accuracy(rpm)	±10		
Timer	1s-99h59min59s/short spin		
Tube Temperature Rise	less than 10°C after running for 20 min		
Sound Level dB(A)	50	60	55
Power Supply	110V~/50/60Hz 220-240V~/50/60Hz		
Display	LCD Touch Screen		
Exterior Dimension(W*D*H)mm	420 x 320 x 340	540 x 425 x 400	540 x 425 x 405
Packing Dimension(W*D*H)mm	480 x 425 x 475	620 x 545 x 680	620 x 555 x 550
Net/Gross Weight(kg)	30/33	42/45	42/45



Model	MLX-2032	MLX-2038	MLX-2040
Max Capacity	100ml x 4	50ml x 4	100ml x 8
Max Speed(rpm)	6000	6000	4500
Max RCF(xg)	5502	7164	3894
Speed Accuracy(rpm)	±10		
Timer	1s-99h59min59s/short spin		
Tube Temperature Rise	less than 10°C after running for 20 min		
Sound Level dB(A)	60	60	60
Power Supply	110V~/50/60Hz 220-240V~/50/60Hz		
Display	LCD Touch Screen		
Exterior Dimension(W*D*H)mm	540 x 425 x 405	580 x 465 x 405	580 x 465 x 405
Packing Dimension(W*D*H)mm	620 x 555 x 550	670 x 560 x 520	670 x 560 x 520
Net/Gross Weight(kg)	45/48	48/54	48/54





Model	MLX-2044	MLX-2048	MLX-2050
Max Capacity	500ml x 4	750ml x 4	750ml x 4
Max Speed(rpm)	6000	6000	6000
Max RCF(xg)	5502	5502	5502
Speed Accuracy(rpm)	±10		
Timer	1s-99h59min59s/short spin		
Tube Temperature Rise	less than 10°C after running for 20 min		
Sound Level dB(A)	60	62	62
Power Supply	110V~/50/60Hz 220-240V~/50/60Hz		
Display	LCD Touch Screen		
Exterior Dimension(W*D*H)mm	610 x 480 x 405	640 x 515 x 450	750 x 590 x 890
Packing Dimension(W*D*H)mm	750 x 640 x 630	750 x 645 x 630	830 x 700 x 1080
Net/Gross Weight(kg)	52/62	68/86	135/163

Available Rotor



■ MLX-2002 Blood Centrifuge

Available Rotor	Capacity	Max.Speed	Max.RCF
	5ml/10ml/15ml x 12	4000 rpm	2220 xg



■ MLX-2018 Cell Smear Centrifuge

Available Rotor	Capacity	Max.Speed	Max.RCF
	6 (pc)x 2	2000 rpm	720 xg
	18 (pc) x 1	1500 rpm	423 xg




■ MLX-2030 Cell Washing Centrifuge

Available Rotor	Capacity	Max.Speed	Max.RCF
	0.5ml/1.5ml/2ml x 12 (WBC Swing-Out Rotor)	4000 rpm	1800 xg
	7ml x 12 (RBC Swing-Out Rotor)	4000 rpm	1800 xg

■ MLX-2038 Gerber Centrifuge

Available Rotor	Capacity	Max.Speed	Max.RCF
	30ml x 6 (Gerber Rotor)	6000 rpm	7164 xg
	50ml x 4 (Babcock Test Rotor)	4000 rpm	3077 xg

■ MLX-2040 PRP Centrifuge

Available Rotor	Capacity	Max.Speed	Max.RCF
	100ml x 2	4500 rpm	3645 xg
	Swing out rotor: orthopedic-specific centrifuge tubes		
	100ml x 4	4500 rpm	3894 xg
	Swing out rotor adapters: 50mlx4 20mlx4 10mlx16		
	100ml x 8	4500 rpm	3894 xg
	Swing out rotor adapters: 50mlx8 20mlx8 10mlx32		

Available Rotor

Model	Available Rotor	Capacity	Max.Speed	Max.RCF
MLX-2032		100ml x 4	4500 rpm	3645 xg
		Swing out rotor adapters: 100ml x 4 50ml x 8 10/15ml x 24 (Conical/Urine sediment tube)		
		100ml x 4	4500 rpm	3645 xg
		Swing out rotor adapters: 5ml/7ml(Vacutainer) x 32 100ml x 4 50ml x 8 10/15ml x 24 (Conical/Urine sediment tube)		
		5ml x 32	4500 rpm	3645 xg
		Auto-decapping swing-bucket rotor adapters: 5ml/7ml(Vacutainer) x 32 100ml x 4 50ml x 8 10/15ml x 24 (Conical/Urine sediment tube)		
		5ml x 40	4500 rpm	3645 xg
		Swing out rotor adapters: 5ml/7ml(Vacutainer) x 40 100ml x 4 50ml x 8 10/15ml x 24 (Conical/Urine sediment tube)		
		5ml x 48	4500 rpm	3645 xg
		Swing out rotor adapters: 5ml/7ml(Vacutainer) x 48 10/15mL x 24 (Conical /Urine sediment tube)		
	5ml x 48	4500 rpm	3645 xg	
	Auto-decapping swing-bucket rotor adapters: 5ml/7ml(Vacutainer) x 48 10/15ml x 24 (Conical/Urine sediment tube)			
	5ml/10ml/15ml x 12	6000 rpm	5502 xg	
	50ml x 6	6000 rpm	5502 xg	
	5ml x 12	6000 rpm	5502 xg	
	96well x 2/ x 2 x 2 (Microbial Reaction Plate)	5000 rpm	3530 xg	

Available Rotor

Model	Available Rotor	Capacity	Max.Speed	Max.RCF
MLX-2044		300ml x 4	4500 rpm	3894 xg
		Swing out rotor adapters: 250ml x 4 100ml x 4 50ml x 12 10ml x 40 (Vacutainer) 15ml x 28 (Conical) 3ml/5ml x 56 (Vacutainer) 5ml x 76 (RIA Tube)		
		500ml x 4	4200 rpm	3451 xg
		Swing out rotor adapters: 250ml x 4 100ml x 8 50ml x 16 10ml x 56 (Vacutainer) 15ml x 40 (Conical) 3ml/5ml/7ml x 68 (Vacutainer) 5ml x 96 (RIA Tube)		
		3/5ml x 68	4200 rpm	3451 xg
		Auto-decapping swing-bucket rotor adapters: 250ml x 4 100ml x 8 50ml x 16 10ml x 56 (Vacutainer) 15ml x 40 (Conical) 3ml/5ml/7ml x 68 (Vacutainer) 5ml x 96 (RIA Tube)		
		3/5ml x 100	4200 rpm	3451 xg
		Swing out rotor adapters: 3/5ml x 100 (Vacutainer) 15ml x 48 50ml x 20		
	3/5ml x 100	4200 rpm	3451 xg	
	Auto-decapping swing-bucket rotor adapters : 3/5ml x 100(Vacutainer) 15ml x 48 50ml x 20			
	50ml x 6	6000 rpm	5502 xg	
	96well x 2/ x 2 x 2 (Microbial Reaction Plate)	5000 rpm	3530 xg	

Available Rotor

Model	Available Rotor	Capacity	Max.Speed	Max.RCF
MLX-2048 & MLX-2050		750ml x 4	4200 rpm	3727 xg
		Swing out rotor adapters: 500ml x 4 250mlx4 (Corning) 250ml x 4 100ml x 12 50mlx20 (Conical) 15/20ml x 56 (Conical) 10ml x 76 (Vacutainer) 3/5/7ml x 96 (Vacutainer) 5ml x 148 (RIA Tube) only for MLX-2050: 50ml x 26		
		3/5ml x 96	4200 rpm	3727 xg
		Auto-decapping swing-bucket rotor adapters: 3/5ml x 96 (Vacutainer) only for MLX-2048:100mlx12 50mlx20 (Conical) 15/20mlx56(Conical)		
		750ml x 4	4200 rpm	3727 xg
		Containment swing-bucket rotor adapters: 500ml x 4 250ml x 4 (Corning) 3/5ml x 96 (Vacutainer) 250ml x 4 100ml x 12 50ml x 20 (Conical) 15/20ml x 56 (Conical) 10ml x 76 (Vacutainer) 3/5/7ml x 96 (Vacutainer) 5ml x 148 (RIA Tube)		
		3/5ml x 120	4200 rpm	3645 xg
		Swing out rotor adapters: 3/5ml x 120(Vacutainer) 50ml x 24 15ml x 56		
		3/5ml x 120	4200 rpm	3727 xg
		Auto-decapping swing-bucket rotor adapters: 3/5ml x 120(Vacutainer) 50ml x 24 15ml x 56		
	50ml x 6	6000 rpm	5502 xg	
	96well x 2/ x 2 x 2 (Microbial Reaction Plate)	5000 rpm	3530 xg	
	96well x 4/ x 4 x 2 (Microbial Reaction Plate)	4500 rpm	3894 xg	