

Floorstand High Speed Refrigerated Centrifuge

Scope of Application

Features microcomputer control and a maintenance-free, brushless motor for quiet, precise operation. It supports programmable functions and is ideal for education, research, medical testing, food safety, and more.

Key Features



Universal Compatibility

Supports 50+ rotor configurations via microcomputer recognition; One-touch RCF/RPM conversion ensures protocol accuracy across diverse sample types.



Precision Motor Control

Brushless AC inverter motor delivers 0.1 RPM accuracy; Auto-calibrated acceleration/-deceleration with imbalance protection guarantees repeatable results.



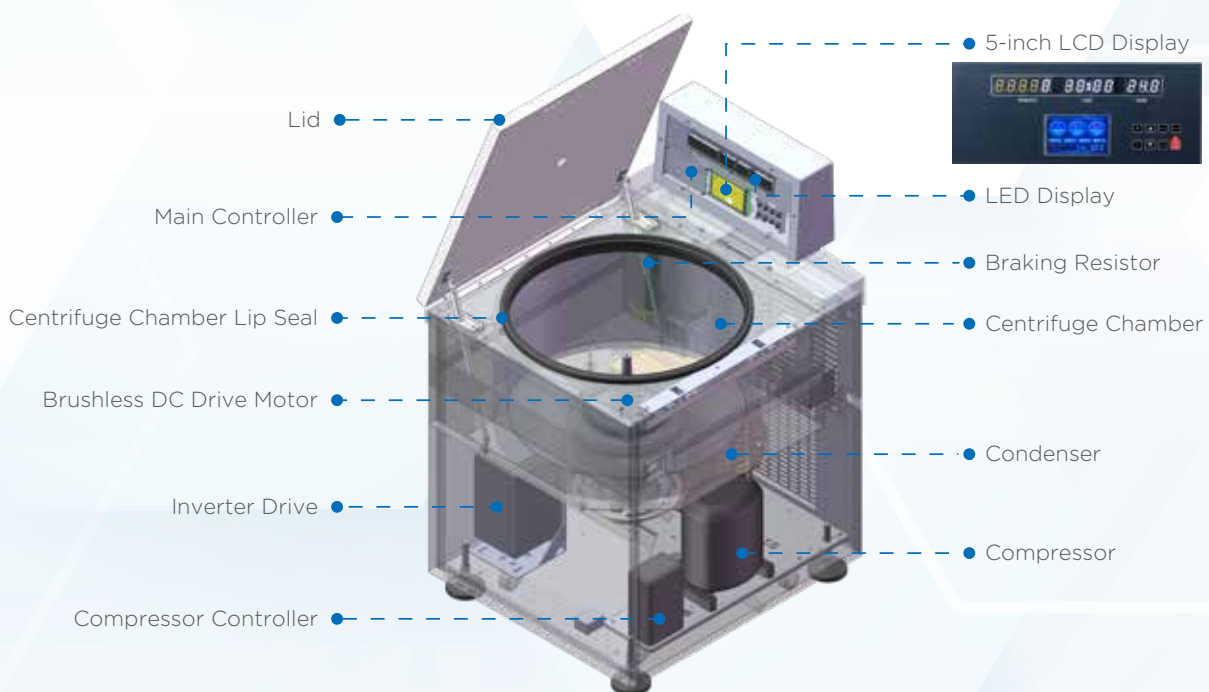
Rapid Cooling System

Dual-compressor refrigeration achieves 4°C in ≤4 min at 20°C ambient (-20°C to 40°C range); Patented thermal management maintains 30.5°C uniformity during runs.



Safety & Durability

304 stainless steel chamber + carbon-steel frame; Six-fold protection (over-speed/-temp/vibration/lid-lock/rotor ID/motor-fail) with ≤65 dB(A) noise.



Specifications



Model	MLX-2026HR	MLX-3060HR
Refrigerated	Yes	
Max Capacity	750ml x 4	1000ml x 6
Max Speed (rpm)	21000	10000
Max RCF (xg)	47580	18300
Speed Accuracy (rpm)	±30	±10
Timer	1min-23h59min	
Temperature Range (°C)	-20 ~ 40	
Temperature Accuracy (°C)	±2	±1
Sound Level dB (A)	≤65	≤65
Power Supply	110V~/50/60Hz 220-240V~/50/60Hz	
Display	LCD	
Exterior Dimension (W*D*H)mm	710 x 840 x 1250	730 x 870 x 1250
Packing Dimension (W*D*H)mm	835 x 960 x 1430	835 x 960 x 1430
Net/Gross Weight (kg)	252/292	315/355

Available Rotor

Model	Available Rotor	Capacity	Max.Speed	Max.RCF
MLX-2026HR		10ml x 16	21000 rpm	47580 xg
		50ml x 6	21000 rpm	43000 xg
		50ml x 8	15000 rpm	27720 xg
		100ml x 8	13000 rpm	19830 xg
		250ml x 6	12000 rpm	21700 xg
		250ml x 4	13000 rpm	23420 xg
		300ml x 6	10000 rpm	18500 xg
		500ml x 4	8000 rpm	11680 xg
		250ml x 6	10000 rpm	18300 xg
MLX-3060HR		300ml x 6	10000 rpm	18300 xg
		500ml x 6	8000 rpm	11620 xg
		1000ml x 6	7200 rpm	12166 xg
		1000ml x 4 (round)	4200 rpm	4430 xg
		1000ml x 6 (square)	4200 rpm	5100 xg