DL6MB Large Capacity Refrigerated Centrifuge

DL series large-capacity refrigerated centrifuges are widely used in blood stations, pharmaceutical factories, biochemistry, biological products and other production and scientific research units. They are ideal instruments for blood separation, protein precipitation, and cell separation and collection





Features

- High-torque, carbon brush-free variable frequency motor, maintenance-free, no dust, fast acceleration and deceleration
- Adopts flexible shaft drive system to directly drive the rotor, protecting the motor, with precise speed control, stable operation, low vibration and low noise
- Inductive automatic electric suction door lock, with emergency door opening device; self-inspection and protection for door lock, overspeed, over temperature, unbalance, etc., safe and reliable
- Uses imported customized fluorine-free compressor unit, the centrifugal cavity is wrapped with high-quality copper tubes, full tin welding technology, and dual circulation pipelines, which greatly improves the refrigeration efficiency. It can be cooled from room temperature 25°C to 4°C within 4 minutes; uses "automatic constant temperature control system adjustment technology" for precise temperature control
- Controlled by microprocessor with eye-catching red digital LED display and key programming; real-time and simultaneous display of rotor number, program number, speed/centrifugal force, running time, temperature, acceleration and deceleration gears; parameters can be modified during operation
- Aviation aluminum rotor, with anti-corrosion and hardening treatment on the surface, high strength, fast heat conduction, improving experimental efficiency while protecting sample temperature
- Can store and call 10 sets of commonly used programs, 10 sets of acceleration rates and 10 sets of deceleration rates for users to choose flexibly to achieve the best centrifugal effect
- The whole machine is of all steel structure, 304 stainless steel centrifugal cavity, multi-layer protection design, safe and reliable; three-level vibration reduction, automatic balancing function
- The instrument door cover is equipped with double hydraulic rods to reduce operating load; the front operation panel and the door cover open backwards, which conforms to ergonomics and is comfortable to operate
- With CFDA filing and CFDA production qualification, passed ISO9001, ISO13485, CE and other certifications

Specifications

DL6MB Technical Parameter

Maximum Speed	6000rpm	Max RCF	6600×g
Maximum Capacity	6×1000ml Swing Rotor	Speed Accuracy	±10rpm
Timing Range	-20℃ ~ 40℃	Temperature Accuracy	±1℃
Maximum Centrifugal Force	AC110/220V,50/60HZ	Timer	1min ~ 9h59min
Speed Control Accuracy	785×680×800mm	Noise	≤65dBA
Noise	970×800×1290mm, 330kg	Net Weight	290Kg

DL6MB Matched Rotors

Rotors No.	Rotor Type	Max Speed	Max Volume	Max RCF
No 05605	Horizontal rotor	4200rpm	6×1000ml (round)	5100×g
No 05606	Horizontal rotor	4200rpm	6×500ml (oval)	5100×g
/	Blood bag adapter	/	8 bags of 200ml blood bags	
/	Blood bag adapter	/	4 bags of 400/500ml blood bags	
No 05159	Angle rotor	6000rpm	6×300ml	5660×g
No 05161	Angle rotor	6000rpm	6×500ml	6600×g