CDL7MS Largest Capacity Refrigerated Centrifuge

The capacity is 6×2400ml, and 24 bags of 200ml blood bags or 12 bags of 400-500ml blood bags can be separated at one time. Mainly used in blood bank, blood station, medical and health, biochemistry, food safety, life science, agriculture and forestry science, animal husbandry science, biological products, pharmaceutical products and other fields of ideal equipment for the separation and precipitation of samples and concentrated preparation



Features

- High torque brushless frequency conversion motor, maintenance-free, no dust, fast lifting speed
- The flexible shaft drive system directly drives the rotor to protect the motor, with precise speed control, stable operation, low vibration and low noise
- Induction automatic electric suction door lock, and emergency door opening device; self-check and protection of door lock, overspeed, overtemperature, unbalance, etc., safe and reliable
- Imported customized specially equipped with fluorine-free compressor unit, high-quality copper tube wrapped in centrifugal cavity, full tin welding technology, double-circulation pipeline, greatly improving refrigeration efficiency, can be reduced from room temperature 25℃ to 4℃ within 4 minutes; use "automatic constant temperature control system to adjust Technology" precise temperature control
- Using a microcomputer processor for precise control, the high-definition touch screen "Intelligent System" version displays both setting parameters and real-time parameters: Speed, RCF, Time,Temperature, Rise/Fall rate, Rotor No., Door cover status, etcionion(Wearing latex gloves allows operation)
- Can store and call 100 sets of programs, with 9 acceleration rates and 10 deceleration rate options
- The whole machine is all-steel structure, 304 stainless steel centrifugal chamber, multi-layer protection design, safe and reliable; three-stage vibration reduction, automatic balance function
- The rotor is integrally cast with stainless steel, with surface polishing and thermosetting PTFE treatment, which is more corrosion resistant, strength, space, and smoothness than aluminum alloy rotors
- The bottom is equipped with pulleys for easy transportation, installation, and relocation
- Optional: Automatic recognition of rotor magnetism to avoid misoperation and overspeed operation
- Optional: Fully automatic lifting door, one click opening and closing, with anti pinch function, emergency door opening function after power outage, without the need for UPS power supply
- Optional: The rotor cover is connected to the centrifugal chamber door for integrated lifting, without the need for manual operation
- Optional: Programmed operation with central computer control and monitoring function
- Passed ISO9001, ISO13485, CE and other certifications

Specifications

CDL7MS Technical Parameter:

Max Speed	8000rpm	Timer	1s ~ 99h59min59s
Max Volume	6×2400ml Swing Rotor	Noise	≤68dBA
Max RCF	14551×g	Power Supply	AC380/220V, 50/60HZ
Speed Accuracy	±10rpm	Net Weight	600Kg
Temperature Range	-20℃ ~ 40℃	Dimension	955×890×1015mm
Temperature Accuracy	±1℃	Package	1200×1050×1565mm, 670kg

CDL7MS Matched Rotors:

Rotors No.	Rotor Type	Max Speed	Max Volume	Max RCF
No 05165	Angle rotor	8000rpm	6×1000ml	14551×g
No 05603	Swing Rotor	4000rpm	6×2400ml	5330×g
Blood bag adapter (24 bags of 200ml blood bags or 12 bags of 400/500ml blood bags)				
No 05646	Swing Rotor	4000rpm	6×2×1000ml	4980×g
No 05604	Swing Rotor	4000rpm	6×2000ml	5550×g