GL10A Large Capacity Refrigerated Centrifuge

High-speed Large Capacity Refrigerated Centrifuge can separate chemical substances, organisms, viruses, sub-cells, and bacteria in cells by centrifugation. It is widely used in high-tech fields such as molecular biology, cell biology, clinical application, biological engineering, large-capacity preparation, blood and protein precipitation





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°C to 4°C within 4 minutes; use "automatic constant temperature control system to adjust Technology" precise temperature control
- Using a microcomputer processor for precise control, LED display, and key programming; Real time and simultaneous display of rotor No., Program number, Speed/RCF, Time, Temperature, and Speed up and Down gear; Parameters can also be modified during operation
- Can store and call 10 sets of programs, with 10 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 bottom is equipped with pulleys for easy transportation, installation, and relocation
- The door cover of the instrument is equipped with double hydraulic rods to reduce the operation load; the front operation panel, the door cover is opened backwards, which is ergonomic and comfortable to operate
- Passed ISO9001, ISO13485, CE and other certifications

Specifications

GL10A Technical Parameter:

Max Speed	10000rpm	Temperature Accuracy	±1°C
Max Volume	6×1000ml Angle rotor	Temperature Range	-20°C ~ 40°C
Timer	1min ~ 9h59min	Power Supply	AC220/380V, 50/60Hz
Dimension	800×740×900mm	Noise	≤65dBA
Speed Accuracy	±10rpm	Net Weight	350kg
Max RCF	15730*g	Package	1035×840×1460mm,410kg

GL10A Matched Rotors:

Rotors No.	Rotor Type	Max Speed	Max Volume	Max RCF
No 05165	Angle rotor	8000rpm	6×1000ml	14551×g
No 05161	Angle rotor	8000rpm	6×500ml	11740×g
No 05159	Angle rotor	10000rpm	6×300ml	15730×g
No 05605	Swing Rotor	4200rpm	6×1000ml	5100×g