



FLOOR STANDING HIGH SPEED REFRIGERATED CENTRIFUGE BKC-601

HIGH SPEED REFRIGERATED CENTRIFUGE BKC-601

REFRIGERATED HIGH SPEED CENTRIFUGE



- 1.CFC-free cooling system with high-efficiency environmental protection refrigeration and dual circuit control for precise temperature control.
- 2.Programmable and storable, storing up to 30 programs accessible with one keystroke save.
- 3.Stored parameters remain in memory even after centrifugation is switched off.
4. 10-speed acceleration and deceleration curves to effectively avoid secondary sedimentation, ensuring better centrifugation.
- 5.Automatic lid-locking and holding during rotor run.
- 6.Easily exchangeable rotors with a special connector for convenient loading and unloading.
- 7.Self-diagnostic system with high-strength chamber coating and protective features.

SPECIFICATIONS

Model	BKC-601
Max. Speed	25000rpm
Max. RCF	64800xg
Max. Capacity	4x1000ml
Daily use program	30
Speed accuracy	±10rpm
Temp.range (at RT 25°C)	-20°C~40°C
Noise	65~68dB(A)
Net weight	220kg
Motor	AC frequency conversion motor, direct drive
Screen	Touch LCD color+digital screen
Control	advanced CPU control system
Timer range	1~99h59min
Temp accuracy	±1°C
Acceleration/Deceleration Rate	10
Power supply	AC220v 50Hz 30A,5kw
Dimension	860x730x1200mm(LxWxH)
Alt Name	Refrigerated High Speed Centrifuge

ACCESSORIES FOR PURCHASE

No	Name	Capacity	Max.speed	Max. RCF	Note
1	Fixed Angle Rotor	24x1.5ml	25000r/min	64800xg	PP/PC tube
2	Fixed Angle Rotor	16x10ml	23000r/min	56880xg	PP/PC tube
3	Fixed Angle Rotor	12x15ml	18000r/min	36220xg	PP/PC tube
4	Fixed Angle Rotor	8x50ml	21000r/min	52360xg	PP/PC tube
5	Fixed Angle Rotor	6x100ml	18000r/min	38460xg	PP/PC tube
6	Fixed Angle Rotor	6x250ml	12000r/min	22500xg	PP/PC tube
7	Adapter	6x50ml			PP/PC tube
8	Fixed Angle Rotor	6x500ml	10000r/min	17800xg	PP/PC tube
9	Fixed Angle Rotor	4x1000ml	8000r/min	12000xg	PP/PC tube

FEATURES

- 1.CFC-free cooling system with high-efficiency environmental protection refrigeration and dual circuit control for precise temperature control.
- 2.Programmable and storable, storing up to 30 programs accessible with one keystroke save.
- 3.Stored parameters remain in memory even after centrifugation is switched off.
4. 10-speed acceleration and deceleration curves to effectively avoid secondary sedimentation, ensuring better centrifugation.
- 5.Automatic lid-locking and holding during rotor run.
- 6.Easily exchangeable rotors with a special connector for convenient loading and unloading.
- 7.Self-diagnostic system with high-strength chamber coating and protective features.
8. "Mute" patented technology ensures operational noise is less than 58 decibels even at the highest speeds.
- 9.Automatic RPM/RCF conversion and rotor identification system to prevent over-speeding.
- 10.Autoclave-able steel body and stainless steel chamber with a super hard aluminum alloy rotor for exceptional sealing and sterilization resistance.
- 11.Microprocessor control and frequency conversion motor drive.
- 12.Observations window on the lid for speed calibration and noise measurement.
- 13.Touch color large screen displaying Speed, Timer, RCF, Rotors, Program(Memory), Acceleration &Deceleration information, and Error codes.
- 14.Wind cover shield to prevent air currents from affecting the specimens being processed.
- 15.Rotor made of a super hard aluminum alloy with excellent sealing and unlimited high-temperature and high-pressure sterilization resistance.
- 16.Double-layer silicone seal rings on the door cover and body for enhanced sealing.
- 17.Produced in compliance with international safety regulations (e.g., IEC 61010).
- 18.Safety Electrical lid interlock prevents the door from opening when the rotor is running and the machine won't run when the lid is open, displaying error codes if necessary.
- 19.Automatic rotor locking function eliminates the need to manually tighten the rotor head. The automatic rotor identification system prevents the wrong rotor from running, ensuring personnel safety and centrifuge stability.
- 20.Emergency lid-lock release activates during power failure, preventing accidents in unexpected power interruptions.
- 21.Gas hinge for lid drop protection.
- 22.Equipped with door cover protection, over-speed, over-current, and advanced electronic unbalance detection system, ensuring real-time monitoring of the centrifuge process and ensuring safe operation.

APPLICATIONS

Industrial labs,Hospitals, Veterinary Clinics, Food Labs, Universities & Colleges, Pharmaceutical Labs, Cell Culture Labs.



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