

Low Speed Centrifuge

CFG-5BSY



Application

It is mainly used in laboratories of biology, medicine, chemistry, physics, etc. It is an ideal instrument for the analysis of serum, plasma, urine, radioimmunoassay, etc.

Specification

Model	CFG-5BSY
Max. Speed	5000rpm
Max. RCF	4730×g
Max. Capacity	4×800ml Swing rotor
Timer	1s ~ 99h59min59s
Speed Accuracy	±10rpm
Sound Emission	≤65dBA
Electricity	AC 110V/220V, 50/60Hz
External Dimension	680*500*385mm
N.W./G.W.	67kg/90kg
Package Dimension	880*580*560mm

Rotor Pictures



Feature

- ◆ Adopt large torque brushless frequency conversion motor, maintenance-free, no dust, fast lifting speed.
- ◆ Induction automatic electric suction door lock, with emergency door opening device; self-inspection and protection of door lock, over-speed, unbalance, etc., safe and reliable.
- ◆ 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, Acceleration/Deceleration gear, Rotor No., Door cover status, etc.
- ◆ Using a unique spring cone sleeve to connect the rotating head and spindle, the rotating head is locked 360°, and the loading and unloading of the rotating head is non directional, fast and simple.
- ◆ Aero forged aluminum rotors (except multi-tube frame rotors) and various Teflon adapters are available.
- ◆ Can store and call 100 sets of programs, with 9 acceleration rates and 10 deceleration rate options.
- ◆ The whole machine is all-steel structure, stainless steel centrifugal chamber; multi-layer protection design, three-stage vibration reduction, safe and stable.
- ◆ Optional: Automatic recognition of rotor magnetism to avoid misoperation and over-speed operation.

Low Speed Centrifuge

CFG-5BSY Matched Rotors

Rotor No.	Rotor Type	Max. Speed	Max. Capacity	Max. RCF	Notes		
No.05254	Swing Rotor	4000rpm	4×25×5/7ml	3360×g	For 2-7ml vacuum tube		
No.05207	Swing Rotor	4000rpm	4×800ml(round)	3450×g	Optional biosafety cover		
	Adapter		4×500ml(falcon)		500ml falcon		
	Adapter		4×250ml(falcon)		250ml falcon		
	Adapter		4×24×5/7ml vacuum tube		For 2-7ml vacuum tube		
	Adapter		4×19×10ml vacuum tube		For 10ml vacuum tube		
	Adapter		4×14×10/15ml		For 10/15ml tube		
	Adapter		4×5×50ml		For 50ml tube		
No.05608	Swing Rotor	4000rpm	4×500ml(round)	3530×g	Optional biosafety cover		
	Adapter		4×18×5/7ml vacuum tube		For 2-7ml vacuum tube		
	Adapter		4×14×10ml vacuum tube		For 10ml vacuum tube		
	Adapter		4×9×10/15ml		For 10/15ml tube		
	Adapter		4×3×50ml		For 50ml tube		
No.05609	Swing Rotor	4000rpm	4×500ml(rectangle)	3450×g	Optional biosafety cover		
	Adapter		4×20×5/7ml vacuum tube		For 2-7ml vacuum tube		
	Adapter		4×16×10ml vacuum tube		For 10ml vacuum tube		
	Adapter		4×12×10/15ml		For 10/15ml tube		
	Adapter		4×5×50ml		For 50ml tube		
No.05611	Swing Rotor	4000rpm	4×4×96 well	2940×g	Optional		
No.05610			4×7×50ml	3470×g	For 50ml falcon tube		
No.05213	Swing Rotor	4000rpm	2×5×96 well	3210×g	Optional		
No.05629	Swing Rotor	5000rpm	4×1×50ml	4730×g	Optional		
No.05630			4×1×100ml	4730×g	Optional		
No.05635		4000rpm	4×2×100ml	3200×g	Optional		
No.05634			4×2×50ml	3200×g	Optional		
No.05631			4×8×15ml	3200×g	For 5-15ml tube		
No.05639			4×16×5ml vacuum tube	2530×g	For 2ml vacuum tube		
No.05638			4×16×7ml vacuum tube	2890×g	For 5ml vacuum tube		
No.05640			4×12×10ml vacuum tube	2880×g	For 10ml vacuum tube		
No.05614			Swing Rotor	4000rpm	4×30×7ml vacuum tube	3160×g	For 5ml vacuum tube
No.05615					4×40×7ml vacuum tube	3270×g	For 5ml vacuum tube
No.05618			4×28×10m vacuum tube	3270×g	For 10ml vacuum tube		
No.05237	Swing Rotor	4000rpm	4×Pasteur milk bottle	3830×g	Pasteur milk bottle		
No.05183	Angle Rotor	2000rpm	16×Gabor milk fat meter	896×g	For Gabor milk fat meter		
No.05141	Angle Rotor	5000rpm	30×15ml	3830×g	Optional		
No.05144	Angle Rotor	5000rpm	12×50ml	3860×g	Optional		
No.05145	Angle Rotor	4000rpm	24×50ml	2970×g	Optional		
No.05147	Angle Rotor	5000rpm	6×100ml	3130×g	Optional		
No.05148	Angle Rotor	4000rpm	12×100ml	2970×g	Optional		



CFG-5BY



Application

It is mainly used in laboratories of biology, medicine, chemistry, physics, etc. It is an ideal instrument for the analysis of serum, plasma, urine, radioimmunoassay, etc.

Rotor Pictures



Specification

Model	CFG-5BY
Max. Speed	5000rpm
Max. RCF	4730×g
Max. Capacity	4×800ml Swing rotor
Timer	1s~99min
Speed Accuracy	±10rpm
Sound Emission	≤65dBA
Electricity	AC 110V/220V, 50/60Hz
External Dimension	680*500*385mm
N.W./G.W.	67kg/90kg
Package Dimension	880*580*560mm

Feature

- ◆ Adopt large torque brushless frequency conversion motor, maintenance-free, no dust, fast lifting speed.
- ◆ Induction automatic electric suction door lock, with emergency door opening device; self-inspection and protection of door lock, over-speed, unbalance, etc., safe and reliable.
- ◆ Using a microcomputer processor for precise control, eye-catching red digital LED display, key programming, and parameter modification during operation.
- ◆ Using a unique spring cone sleeve to connect the rotating head and spindle, the rotating head is locked 360°, and the loading and unloading of the rotating head is non-directional, fast and simple.
- ◆ Aero forged aluminum rotors (except multi-tube frame rotors) and various Teflon adapters are available.
- ◆ 10 acceleration rates and 10 deceleration rates for users to choose to achieve the best centrifugal effect.
- ◆ The whole machine is all-steel structure, stainless steel centrifugal chamber; multi-layer protection design, three-stage vibration reduction, safe and stable.
- ◆ The instrument door cover is equipped with a hydraulic rod to reduce operating load.

CFG-5BY Matched Rotors

Rotor No.	Rotor Type	Max. Speed	Max. Capacity	Max. RCF	Notes
No. 05254	Swing Rotor	4000rpm	4×25×5/7ml	3360×g	For 2-7ml vacuum tube
No. 05207	Swing Rotor	4000rpm	4×800ml(round)	3450×g	Optional biosafety cover
	Adapter		4×500ml(falcon)		500ml falcon
	Adapter		4×250ml(falcon)		250ml falcon
	Adapter		4×24×5/7ml vacuum tube		For 2-7ml vacuum tube
	Adapter		4×19×10ml vacuum tube		For 10ml vacuum tube
	Adapter		4×14×10/15ml		For 10/15ml tube
	Adapter		4×5×50ml		For 50ml tube
No. 05608	Swing Rotor	4000rpm	4×500ml(round)	3530×g	Optional biosafety cover
	Adapter		4×18×5/7ml vacuum tube		For 2-7ml vacuum tube
	Adapter		4×14×10ml vacuum tube		For 10ml vacuum tube
	Adapter		4×9×10/15ml		For 10/15ml tube
	Adapter		4×3×50ml		For 50ml tube
No. 05609	Swing Rotor	4000rpm	4×500ml(rectangle)	3450×g	Optional biosafety cover
	Adapter		4×20×5/7ml vacuum tube		For 2-7ml vacuum tube
	Adapter		4×16×10ml vacuum tube		For 10ml vacuum tube
	Adapter		4×12×10/15ml		For 10/15ml tube
	Adapter		4×5×50ml		For 50ml tube
No. 05611	Swing Rotor	4000rpm	4×4×96 well	2940×g	Optional
No. 05610			4×7×50ml	3470×g	For 50ml falcon tube
No. 05213	Swing Rotor	4000rpm	2×5×96 well	3210×g	Optional
No. 05629	Swing Rotor	5000rpm	4×1×50ml	4730×g	Optional
No. 05630			4×1×100ml	4730×g	Optional
No. 05635		4000rpm	4×2×100ml	3200×g	Optional
No. 05634			4×2×50ml	3200×g	Optional
No. 05631			4×8×15ml	3200×g	For 5-15ml tube
No. 05639			4×16×5ml vacuum tube	2530×g	For 2ml vacuum tube
No. 05638			4×16×7ml vacuum tube	2890×g	For 5ml vacuum tube
No. 05640			4×12×10ml vacuum tube	2880×g	For 10ml vacuum tube
No. 05614			4×30×7ml vacuum tube	3160×g	For 5ml vacuum tube
No. 05615			4×40×7ml vacuum tube	3270×g	For 5ml vacuum tube
No. 05618	4×28×10m vacuum tube	3270×g	For 10ml vacuum tube		
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No. 05141	Angle Rotor	5000rpm	30×15ml	3830×g	Optional
No. 05144	Angle Rotor	5000rpm	12×50ml	3860×g	Optional
No. 05145	Angle Rotor	4000rpm	24×50ml	2970×g	Optional
No. 05147	Angle Rotor	5000rpm	6×100ml	3130×g	Optional
No. 05148	Angle Rotor	4000rpm	12×100ml	2970×g	Optional