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Instrument (Hebei) Co.,Ltd

FAITHFUL®

FTGL-21S Multipurpose Refrigerated Centrifuge(Touch Screen)

Used for bacteria, protein precipitation, nucleic acid extraction, subcellular component separation, clinical test sample processing, blood, suitable for medical, life sciences, biopharmaceutical, agricultural sciences, environmental protection and other scientific research units, and universities, colleges.

Features

- Brushless variable-frequency motor.
- Auto electric door lock with emergency release, built-in self-diagnostics for door lock, overspeed, and imbalance.
- Microcomputer control with HD touch screen displaying speed, RCF, time, temperature, ramp rate, rotor ID, and lid status.
- CFC-free compressor with copper-tube cooling chamber, reaches 4°C from 25°C in 4 minutes, precise closed-loop temperature control.
- Patented spring-cone rotor coupling.
- Stores 100 programs, 9 acceleration / 10 deceleration profiles.
- All-steel housing, stainless steel chamber, three-stage vibration damping.
- Optional magnetic rotor auto-recognition to prevent overspeed/misoperation.
- Passed ISO9001, ISO 13485, CE and other certifications.



FTGL-21S Technical Parameters

Max Speed	21000rpm	Max RCF	30910×g
Max Volume	4×800ml Swing Rotor	Speed Accuracy	±10rpm
Temperature Range	-20℃~40℃	Timer	1s~99h59min59s
Temperature Accuracy	±1℃	Noise	≤65dBA
Power supply	AC110/220V,50/60HZ	Net Weight	118kg
Dimension	675×725×400mm	Package	930×830×580mm, 148kg

FTGL-21S Matched Rotors

Rotor No.	Rotor Type	Max Speed	Max Volume	Max RCF	Notes
No 05105	Angle rotor	18000rpm	30×0.5ml	26660×g	Optional
No 05106	Angle rotor	15000rpm	40×0.5ml	22930×g	Optional
No 05101	Angle rotor	21000rpm	12×1.5/2ml	30910×g	Optional
No 05102	Angle rotor	18000rpm	24×1.5/2ml	29670×g	Optional
No 05103	Angle rotor	13500rpm	30×1.5/2ml	19340×g	Optional
No 05104	Angle rotor	13000rpm	48×1.5/2ml	17930×g	Optional
No 05107	Angle rotor	16000rpm	16×5ml	22020×g	Optional
No 05108	Angle rotor	16000rpm	12×7ml	21380×g	Optional
No 05109	Angle rotor	16000rpm	6×10ml	21500×g	Optional
No 05110	Angle rotor	15000rpm	12×10ml	22680×g	Optional
No 05113	Angle rotor	13000rpm	8×15ml	17790×g	Falcon
No 05114	Angle rotor	10000rpm	12×15ml	11840×g	Falcon
No 05116	Angle rotor	12000rpm	8×20ml	14510×g	Optional
No 05117	Angle rotor	14000rpm	6×30ml	19060×g	Optional
No 05120	Angle rotor	13000rpm	6×50ml	18840×g	Optional
No 05122	Angle rotor	8000rpm	8×50ml	8090×g	Optional
No 05128	Angle rotor	12000rpm	4×100ml	14850×g	Optional
No 05129	Angle rotor	12000rpm	6×100ml	16390×g	Optional
No 05131	Angle rotor	8000rpm	4×250ml	9090×g	Optional
No 05132	Angle rotor	7000rpm	6×250ml	8050×g	Optional
No 05607	Swing Rotor	4000rpm	4×25×5/7ml	3450×g	For 2-7ml vacuum tube
	Swing Rotor	4000rpm	4×800ml(round)	3450×g	Optional biosafety cover

	Adapter		4×500ml(falcon)		Falcon
	Adapter		4×250ml(falcon)		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	4×4×96well	2940×g	Optional
No 05610			4×7×50ml	3470×g	Falcon
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	3020×g	Optional
No 05634			4×2×50ml	3200×g	Optional
No 05631			4×8×15ml	3200×g	For 5-15ml
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 5-7ml vacuum tube
No 05615			4×40×7ml vacuum tube	3270×g	For 5-7ml vacuum tube
No 05618			4×28×10ml vacuum tube	3270×g	For 10ml vacuum tube