

RC-3000 Series

High Speed Refrigerated Centrifuge



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Analytical Technologies Limited

An ISO 9001 Certified Company

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- Max. speed 25000 rpm, gravitational fields up to more than 27800xg.
- Brush-less induction motor with frequency drive ensures gentle start.
- Reliable drive system.
- It allows you to control the rates of acceleration & deceleration from 1~10 profiles, you can quickly recall up to 30 daily-use programmable operations with RCF value calculated automatically. A microprocessor controls time, temperature, speed or g-force.
- Very low noise level.
- Possibility of pre-cooling rotors during standstill, refrigerant R134a,
- Lid can easily be opened by gas spring support.
- Motorized lid lock.
- Special rotor connector which makes it easy to load and unload rotor.
- Special tool for loading and unloading rotor.
- Coded rotor identification prevents the rotor from over-speeding.
- Stainless steel bowl.
- CFC free refrigeration
- Imbalance switch.
- It cannot run with the open lid, neither open the lid when rotor runs.
- Door open-able in emergency(very useful in an unexpected power interruption)
- Produced according to national and international safety regulations
ISO9001 :2008, CE international standards are met.

►► **Technical Data**

Model	RC-3000 Series
Max.speed	25000rpm
Max.rcf	32600xg
Speed accuracy	±20r/min
Temp. range	-20 °C ~+40 °C
Temp. accuracy	±2°C
Noise	<60db
Timer range	0-99min
Display	LCD
Acceleration/Deceleration rates	1--10
Power supply	AC220V, 50/60Hz, 18A
Weight	85kg
Dimension	600x570x380mm(LxWxH)

►► Rotors

	No.	Description	Max.Speed	Max.Rcf	Material	Adapter Description
Angle rotor	1	12x1.5/2.0ml	21000rpm	32600xg	Aluminium alloy	
	2	24x1.5/2.0ml	16000rpm	23800xg		
	3	12x2.2ml	21000rpm	29140xg		
	4	24x2.2ml	16000rpm	23800xg		
	5	10x5ml	16000rpm	17780xg		
	6	12x10ml	15000rpm	19910xg		
	7	4x50ml	14000rpm	19320xg		1.5ml/2.2mlx2x4
						10mlx1x4
						20mlx1x4
	8	6x50ml	13000rpm	18550xg		1.5ml/2.2mlx2x6
						10mlx1x6
						20mlx1x6
9	4x100ml	11000rpm	10975xg	1.5ml/2.2mlx3x4		
				15mlx1x4		
				50mlx1x4		
Swing bucket rotor	10	4x100ml	4000rpm	5580xg		15mlx1x4
	11	4x300ml (180ml bottles)	4000rpm	5560xg		50mlx1x4
						1.5ml/2.2mlx10x4
						15ml conical tubes x4x4 Adapters
						50ml conical tubes x2x4 Adapters
	12	2x2x96 well micro-plate	4000rpm	2390xg	Stainless steel	

Regulatory compliances



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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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