

HIGH SPEED REFRIGERATED PROGRAMMABLE CENTRIFUGE: MODEL SPRINT



CAT NO.	DESCRIPTION
BE/CI/RMC-260607	High Speed Refrigerated Programmable Centrifuge Model - Sprint (300 rpm - 21000 rpm)

Complementary Rotor : 12 Places X 1.5/2ml Tubes

FEATURES

- Attractive look & Floor mount self standing design
- Centrifuge body is made up of high quality steel with three layer steel jacket to ensure the safety
- Anodized aluminum or stainless steel rotors for consistent performance, durability & reliability
- Low working noise i.e. ≤ 60 dB
- Electric lid lock - actuated by unit lid
- LCD with digital dual display
- Offers 10 levels of acceleration and deceleration for improved working
- Auto diagnosis of functional errors in the machine
- Auto diagnosis of rotor imbalance to ensure safety
- Machine parameters can be modified while machine under operation condition
- Timer can be set between 0 - 9 hours 59 minutes with an increment of 1 minute
- Temperature can be adjusted to -20°C to 40°C with an increment of 1°C
- Autostop Function as the timer countdown comes to zero
- Centrifugation between 300-21000 rpm with an increment of 100 rpm
- Maximum RCF: 28030 Xg
- Maximum Rotor capacity: 4 places \times 800 ml (swing rotor - 4000 rpm)
- Additional accessories like adaptors and rotors available at an additional cost
- Speed Accuracy: ± 10 rpm/minute
- Brushless DC frequency motor with simpler construction, more reliable performance & longer life
- Minimum running noise & without vibrations
- Flexible Axle driven system which drive the rotor directly, smooth in operation
- Compressor – Fluorine – Free, double cycle cooling with precise temperature control
- Protection for imbalance & over temperature
- Microprocessor control Speed, temperature & time
- Rotor is connected with spindle by specialized taper sleeve for easy loading
- Speed Accuracy: ± 10 rpm/minute
- Temperature Accuracy: $\pm 1^{\circ}\text{C}$
- Approximate weight: 170 kg
- Dimensions: 720 \times 540 \times 830 mm

ACCESSORIES

CAT NO.	ROTOR TYPE	CAPACITY (ML)	MAX SPEED (RPM)	MAX RCF (XG)
MC-ACC-30801	Angle Rotor	12*1.5/2ml	21000	28030
MC-ACC-30803	Angle Rotor	24*1.5/2ml	18000	26660
MC-ACC-30804	Angle Rotor	30*1.5/2ml	13500	19340
MC-ACC-30844	Angle Rotor	48x1.5/2ml	13000	17930
MC-ACC-30802	Angle Rotor	40*0.5ml	15000	22920
MC-ACC-30816	Angle Rotor	30x0.5ml	18000	26660
MC-ACC-30480	Swing Rotor	4x5ml	15000	19920
MC-ACC-30805	Angle Rotor	16x5ml	16000	22020
MC-ACC-30806	Angle Rotor	12x7ml	16000	21380
MC-ACC-30815	Angle Rotor	6x10ml	16000	21500
MC-ACC-30808	Angle Rotor	12x10ml	15000	22680
MC-ACC-30807	Angle Rotor	12x15ml	10000	11840
MC-ACC-30693	Angle Rotor	24x15ml	5000	3500
MC-ACC-30627	Angle Rotor	30x15ml	5000	3830
MC-ACC-30435	Vertical Rotor	16x5ml	16000	16540
MC-ACC-30809	Angle Rotor	8x20ml	15000	22680
MC-ACC-30810	Angle Rotor	8x30ml	14000	19060
MC-ACC-30181	Swing Rotor	4x30ml	12000	20090
MC-ACC-30136	Vertical Rotor	8x30ml	14000	19750
MC-ACC-30811	Angle Rotor	6x30ml	12000	16050
MC-ACC-30182	Swing Rotor	4x50ml	10000	16240
MC-ACC-30641	Angle Rotor	12x50ml	5000	3860
MC-ACC-30642	Angle Rotor	24x50ml	5000	4640
MC-ACC-30812	Angle Rotor	6x70ml	12000	15570
MC-ACC-30813	Angle Rotor	4x100ml	12000	14850
MC-ACC-30814	Angle Rotor	6x100ml	12000	16390
MC-ACC-30643	Angle Rotor	12x100ml	5000	4640
MC-ACC-30676	Bucket Rotor	4x4x96well	4000	2840
MC-ACC-30696	Swing Rotor	4x500ml	4000	3380
MC-ACC-30671	Swing Rotor	4x800ml	4000	3450
MC-ACC-31377	Swing Rotor	4x50ml	5000	4730
	Swing Rotor	4x100ml	5000	4730
	Swing Rotor	8x50ml	4000	3200
	Swing Rotor	8x100ml	4000	3020
	Swing Rotor	16x15ml	4000	3200
	Swing Rotor	24x15ml	4000	3200
	Swing Rotor	32x15ml	4000	3200