

BRC-5300 Benchtop Refrigerated Centrifuge



CE

Features

Our FBC and BRC Series newly designed touch screen refrigerated centrifuges are generally used in blood banks, laboratories and hospitals, but recently they are preferred especially for processes such as plasma, platelet and erythrocyte separation from whole blood.

- * In production; A brushless motor with high torque, microprocessor control and maintenance-free, which does not cause dust pollution, is used.
- * The flexible shaft system with direct drive and rotor can tolerate up to 10 grams of imbalance, thus providing smooth running, low noise and small vibration.
- * It has a fluorine-free double-loop cooled imported compressor and sensitive temperature control, which does not create environmental pollution, easily converts cold and hot.
- * It has the ability to record 10 different programs and also has 10 different acceleration and deceleration modes that can be adjusted.
- * The device has rotors and equipments that can smoothly centrifuge blood bags used in the market.
- * Electric automatic lock system ensures safety and reliable operation.
- * Thanks to this system equipped with sensors, the device does not start until the lid is closed, and the lid cannot be opened until the device comes to a complete stop. In case of a power outage, the lid can be opened with the manual switch on the side of the device and you can access your samples.
- * Thanks to the transparent monitoring point on the top cover of the device, you can perform your calibrations comfortably and safely.
- * The device is also designed to warn the user in case of any malfunction or misuse with its other sensors and safety equipment. In addition, the centrifuge body made of high steel offers a completely safe and secure operation.

Technical Specifications

Model	BRC-5300
Maximum Speed	5000 RPM
Maximum RCF	4730 xg
Maximum Capacity	4x300ml
Temperature Range	-20°C - 40°C
Timer	1 - 99h59min
RPM/RCF Convert	Yes
Acc/Dec Range	10 Kinds
Temperature Accuracy	±1°C
Speed Accuracy	±20r/dk
Noise	≤60dB(A)
Power Supply	AC 110/220V 50/60Hz
Dimension (WxDxH)	640x665x420mm
Net Weight	118 Kg



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Compatible Rotors for BRC-5300

Order No.	Model	Capacity (ml)	Maks. RPM	Maks. RCF (g)
INO5A-1	Swing Rotor (Round)	4x300ml	4000	3180
INO5A-2	Swing Rotor (Square)	4x300ml	4000	3150
INO5A-3-1	Swing Rotor	4x24x7ml	4000	3150
INO5A-3-2	Swing Rotor	4x24x5ml	4000	2750
INO5A-3-3	Swing Rotor	4x18x10ml	4000	3140
INO5A-4	Microplate Rotor	2x4x96 Well	4000	2910
INO5A-5	Microplate Rotor	2x4x48 Well	4000	2300
INO5A-6-1	Swing Rotor	4x1x50ml	5000	4730
INO5A-6-2	Swing Rotor	4x1x100ml	5000	4730
INO5A-7-1	Swing Rotor	4x2x50ml	4000	3200
INO5A-7-2	Swing Rotor	4x2x100ml	4000	3020
INO5A-7-3	Swing Rotor	4x4x15ml	4000	3200
INO5A-7-4	Swing Rotor	4x6x15ml	4000	3200
INO5A-7-5	Swing Rotor	4x8x15ml	4000	3200
INO5A-7-6	Swing Rotor	4x12x5ml Vacuum Tube	4000	2480
INO5A-7-7	Swing Rotor	4x12x7ml Vacuum Tube	4000	2760
INO5A-7-8	Swing Rotor	4x12x10ml Vacuum Tube	4000	2790
INO5A-7-9	Swing Rotor	4x8x10/7/5ml Vacuum Tube	4000	2790
INO5A-7-10	Swing Rotor	4x6x10/7/5ml Vacuum Tube	4000	2790
INO5A-7-11	Swing Rotor	4x4x10/7/5ml Vacuum Tube	4000	2790
INO5A-8	Fixed Rotor	6x15ml	5000	2540
INO5A-9	Fixed Rotor	12x15ml	5000	3080
INO5A-10	Fixed Rotor	24x15ml	5000	3500
INO5A-11	Fixed Rotor	30x15ml	5000	3830
INO5A-12	Fixed Rotor	4x50ml	5000	2520
INO5A-13	Fixed Rotor	6x50ml	5000	2850
INO5A-14	Fixed Rotor	12x50ml	5000	3860
INO5A-15	Fixed Rotor	24x50ml	4000	2970
INO5A-16	Fixed Rotor	4x100ml	5000	2630
INO5A-17	Fixed Rotor	6x100ml	5000	3130
INO5A-18	Fixed Rotor	12x100ml	4000	2970