

Servo Magnetics RC-5C
Brushless Motor



Artisan Technology Group

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New From Surplus Stock

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Sorvall RC-5C Super Speed Centrifuge

Sorvall RC-5C

- Easy to operate, reach a maximum rotor speed and maintain the desired temperature without the use of a vacuum system.
- The operator can set speed, time, and temperature in any order and can change parameters at any time during the run.
- It has a door interlock which prevents the centrifuge door from opening when the rotor begins to accelerate.
- RC 5C has microprocessor control, uses thumb levers to control settings, LED display of operating parameters
- RC 5C has RCF mode for g force calculation
- RC 5C has auto rate control setting for density gradient work
- RC 5C has omega squared dt calculation for run to run reproducibility
- RC 5C has built in automatic temperature calculation

The Sorvall RC-5C is the gold standard of reliability in super speed centrifuges. The RC-5C centrifuge drive system is equipped with a Universal/Drive motor, designed and manufactured by Sorvall, with automatic programmed acceleration and braking features. The motor armature is balanced to give quiet operation with minimum vibration over a full range of speeds. This feature extends the life of the bearings and brushes.

Centrifuge Specifications:

Width	30 in.
Depth	33 in.
Height	45 in.
Weight	680 lbs.
Max Speed	21,000 rpm
Max Volume	4 liters
Refrigerant	R-502
Electrical Requirement	30 Amps, 220 Volts
Digital Timer	0 to 99hr, 59Min
Temp. Set Range	-20C to 40C
Temp. Control Range	2C to 40C at Max
Braking System	Dynamic Electric Brake
Speed Control Accuracy	±100 rpm or 1%
Time Hold	Displays Remaining Time



Sorvall RC-5C super speed centrifuge

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