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SORVALL® RC-5B PLUS Superspeed Centrifuge

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Product Detail

The RC-5B Plus offers simplicity of operation and durability for intensive use. User-friendly controls make set-up simple even for inexperienced users, speeding up parameter setting and reducing errors. The industry's widest rotor range – spanning fixed angle, swinging bucket, vertical, microtube, zonal, and continuous flow types – means unrivalled levels of superspeed versatility. Other benefits include:

Reliable, dependable operation

- The durable, high capacity refrigeration system maintains precise operating temperatures *without* the need for a vacuum.
- Direct drive motors, with no belts or gears, reduce maintenance and system noise.
- The patented gyro system protects the drive from damage should rotor imbalance occur.

Simplicity, ease of use

- Intuitive levers or knobs make parameter setting fast and easy
- Both set and actual parameters are visible at all times
- User-defined sample over-temperature protection assures sample integrity
- Imbalance tolerant gyro permits eye balancing of tube contents and rotor load

Proven, practical performance

- Easy to use controls for programming run conditions
- High visibility analog displays and lighted indicators
- Run conditions can be set in any sequence and changed at any time.
- Accurate speed control from 500 to 21,000 rpm

SORVALL® RC-5B PLUS Superspeed Centrifuge

Product#	Price	Description	Power	
74005	-	RC-5B PLUS 200 V, 30 A, single phase	60 Hz	SELECT
74000	-	RC-5B PLUS 208 V, 30 A, single phase	60 Hz	SELECT
74002	-	RC-5B PLUS 230 V, 30 A, single phase	60 Hz	SELECT
74008	-	RC-5B PLUS 200 V, 30 A, single phase	50 Hz	SELECT
74001	-	RC-5B PLUS 220 V, 30 A, single phase	50 Hz	SELECT
74009	-	RC-5B PLUS, 230 V, 30 A, single phase CE version	50 Hz	SELECT
74004	-	RC-5B PLUS 230 V, 30 A, polyphase CE version	50 Hz	SELECT
74003	-	RC-5B PLUS 240 V, 30 A, single phase	50 Hz	SELECT

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Services

- [Validation Services and IQ/OQ/PQ Protocol information](#)

Specifications:

Maximum speed rpm : 21,000

Maximum RCF x g : 51,430

Maximum capacity : 4 x 1,000 ml

Drive : High torque, DC direct drive with gyro suspension

Accel/decel rates : 1 acceleration, 2 deceleration

Speed range rpm : 500 – 21,000

Speed control accuracy : ±1% or 100 rpm, whichever is greater

Temperature set range °C : -20 to +40

Temperature control °C : +2 to +37 at maximum rotor speed

Temperature accuracy °C : ±2

Ambient temperature range °C : 15 – 38

Dimensions (H x D x W) mm (inches) : 1140 (to top of control panel) x 990 x 760 (45.0 x 39.0 x 30.0) 915 (36.0) height to top of deck

Weight kg (lb) : 308 (680)

Support

[Sorvall RTBAA Guide](#)