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Thermo Sorvall Primo R Benchtop Centrifuge Performance Specifications

The Thermo Scientific Sorvall Primo centrifuge functions as either a high-performance or small-capacity general purpose centrifuge. It comes with optional rotors and accessories, and has a top speed of 15,000 rpm. The unit is compact and space-saving, with the capabilities of three different tabletop centrifuges in one instrument. It is ideal for clinical, molecular biology, and small medical laboratories. Available with or without refrigeration.

Operating features:

- Capacity: 400mL (4 x 100mL)
- Touch keypad microprocessor control (EASYcontrol II)
- Digital display shows all run parameters
- Variable speed/RCF/time control
- QUICK RUN key for short spins
- Choice of two acceleration and nine braking curves for sensitive samples
- Memory retains current settings
- With optional rotor/adaptor combinations, accept tubes from 0.2 to 100mL

Safety Features

- Dual lid-locking mechanism (soft-touch closure with lid interlock)
- Automatic rotor recognition
- Electronic imbalance detection system
- Maintenance-free brushless drive motor runs quietly

Refrigerated Primo R

- Delivers uniform temperature control from -9° to +40°C for temperature-sensitive samples
- CFC-free refrigerant

Ordering Alerts: Optional accessories include fixed-angle, swinging bucket, and microliter rotors and adapters (sold separately).

Includes: Centrifuge Only

Required Accessories: Rotors and adapters (sold separately)

Compliance: Designed and tested in accordance with EN 61 010-1, EN 61 010-2-020, EN 61326, EN 55011B

Certifications: CE, CSA (120V only)

Specifications	
Capacity	400mL (4 x 100mL)
Display	Digital
Speed Control	Variable 300 to 15,000rpm, ±10rpm
Max. Speed	15,000rpm
Max. RCF	21,000 to 21,999 x G
Memory	Retains last settings
Noise Level	<62dBA
Timer	9 hr., 59 min., plus continuous run
Acceleration/Braking Profiles	9-Feb
Temperature Range (Primo R only)	-9° to +40°C
Primo L x W x H	18.7 x 15 x 12.4 in. (47.5 x 38 x 31.5cm)
Primo R L x W x H	19.4 x 22.8 x 12.3 in. (49.3 x 58 x 31.3cm)
Primo Net Weight	88.2 lb. (40kg)
Primo R Net Weight	153.2 lb. (69.5kg)

Cat. No.	Description	Model	Electrical Requirements
75005184	Sorvall Primo	Ventilated	120V 60Hz
75005185	Sorvall Primo	Ventilated	230V 50/60Hz
75005448	Sorvall Primo R	Refrigerated	120V 60Hz
75005453	Sorvall Primo R	Refrigerated	230V 50/60Hz

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