

# CAPP Rondo

## REFRIGERATED UNIVERSAL CENTRIFUGE

The CAPP CRC-1544UCR is a high-performance refrigerated centrifuge engineered for a wide range of laboratory applications. Designed for precision, reliability, and user comfort, it offers a maximum speed of 15000 RPM and supports both fixed angle and swing-out rotors, making it an ideal choice for research, clinical, and diagnostic labs. With advanced safety features, intuitive controls, and stable temperature control down to -10°C, the Refrigerated Universal Centrifuge delivers consistent results across diverse protocols

### Features

- Brushless, maintenance-free DC motor runs at high speeds of up to 15000 RPM, delivering powerful yet quiet performance
- Flexible operation with adjustable speed from 500–15000 RPM and time setting from 30 seconds to 999 minutes with infinite mode
- Microprocessor controlled for superior accuracy and repeatability
  - Refrigeration temperature up to – 10 °C
- Lid-lock safety mechanism opens automatically after every run
- Smart imbalance detection with automatic cut-off ensures safety
- 9 Acceleration & 9 Deceleration modes protect delicate samples
- One-touch RPM/RCF conversion and short spin feature for ultrafast pelleting
  - Intuitive large backlit digital LCD display with last-run memory
- Emergency lid release and low loading height for user convenience
  - Smart airflow design prevents chamber overheating
  - Multiple rotor options (fixed angle & swing-out) for flexible applications
- Stainless steel rotor chamber is corrosion-resistant and easy to clean
  - Silent operation for a healthier lab environment
- Detects rotor automatically and sets maximum RCF accordingly



### Specifications

<b>Speed</b>	500–15000 RPM / RCF varies per rotor (up to 22388 g)	<b>Imbalance Detection</b>	Yes
<b>Motor Type</b>	Brushless DC	<b>Lid Lock Safety</b>	Yes (auto-open after run)
<b>Display</b>	Backlit Digital LCD	<b>Noise Level</b>	<72 dB
<b>Speed Accuracy</b>	±100 RPM	<b>Dimensions (W x D x H)</b>	475 x 585 x 325 mm
<b>Time Setting</b>	30 sec – 999 min. & infinite mode	<b>Weight</b>	24 kg (without rotor)
<b>Speed steps</b>	100 RPM	<b>Acceleration / Deceleration</b>	9 modes each
<b>Temperature Range</b>	-10°C to 40 °C	<b>Rotors</b>	Fixed angle and swing-out options available

### Scope of Delivery

1 pc. CRC-1544UC Refrigerated Centrifuge	1 pc. User Manual
1 pc. Power Adapter	1 pc. Warranty Card

<b>CR-15-44UC-UCR</b> Fixed Angle Rotor 44 x 2 mL, RCF up to 22302 x g		<b>CR-15-6UC-UCR</b> Fixed Angle Rotor 6 x 50 mL, RCF up to 2834 x g
<b>CR-15-24UC-UCR</b> Fixed Angle Rotor 24 x 15 mL, RCF up to 2961 x g		<b>CR-15-4UC-UCR</b> Swing Out Rotor 4 x 50 mL, RCF up to 3305 x g
<b>CR-15-32UC-UCR</b> Swing Out Rotor 32 x 6 mL, RCF up to 3164 x g		

## Ordering Information

Cat No.	Description
CRC-1544UCR	CAPP® Rondo Universal Refrigerated Centrifuge 15000 RPM
<b>Rotor Options</b>	
CR-15-44UC-UCR	Fixed Angle Rotor 44 x 2 mL, max. RPM 15000 / RCF up to 22302 x g
CR-15-6UC-UCR	Fixed Angle Rotor 6 x 50 mL, max. RPM 4500 / RCF up to 2834 x g
CR-15-24UC-UCR	Fixed Angle Rotor 24 x 15 mL, max. RPM 4500 / RCF up to 2961 x g
CR-15-4UC-UCR	Swing Out Rotor 4 x 50 mL, max. RPM 4500 / RCF up to 3305 x g
CR-15-32UC-UCR	Swing Out Rotor 32 x 6 mL, max. RPM 4500 / RCF up to 3164 x g