BROCHURE

CAPP Rondo CRC-1544UCR Refrigerated Universal Centrifuge

AHN

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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.



Features

- Brushless, maintenance-free DC motor runs at high speeds of up to 15000 RPM.
- 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
- Stainless steel rotor chamber is corrosion-resistant and easy to clean
- Detects rotor automatically and sets maximum RCF accordingly

2 YEAR Warranty

Specifications

Speed	500–15000 RPM / RCF varies per rotor(up to 22388 g)	**Imbalance Detection**	Yes
Motor Type	Brushless DC	**Lid Lock Safety**	Yes (auto-open after run)
Display	Backlit Digital LCD	**Noise Level**	<72 dB
Speed Accuracy	±100 RPM	**Dimensions (W x D x H)**	705 x 585 x 330 mm
Time Setting	30 sec – 999 min. and infinite mode	**Weight**	24 kg (without rotor)
Speed steps	100 RPM	**Acceleration / Deceleration**	9 modes each
Temperature Range	-10°C to 40 °C	**Rotors**	Fixed angle and swing-out options available

Scope of Delivery

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

Ordering Information

Cat. No.	Description
CRC-1544UCR	CAPP Rondo Universal Refrigerated Centrifuge 15000 RPM

Rotor options

CR-15-44UC-UCR	Fixed Angle Rotor 44 x 2 mL, max. RPM 15000 / RCF up to 22388 x g
CR-15-6UC-UCR	Fixed Angle Rotor 6 x 50 mL, max. RPM 6000 / RCF up to 2834 x g
CR-15-24UC-UCR	Fixed Angle Rotor 24 x 15 mL, max. RPM 6000 / 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
CR-15-16UC-UCR	Swing Out Rotor 16 x 15 mL, max. RPM 4500 / RCF up to 3305 x g
CR-15-2MPUC-UCR	Swing Out Rotor 2 Micro Plates, max. RPM 4500 / RCF up to 2377 x g
CR-15-16FUC-UCR	Fixed Angle Rotor 16 x 15 mL, max. RPM 4500 / RCF up to 2857 x g

CR-15-44UC-UCR
Fixed Angle Rotor
44 x 2 mL,
RCF up to 22388 x g

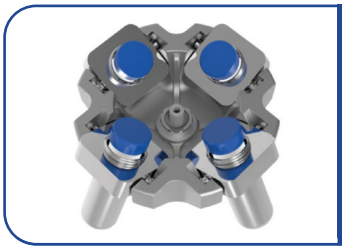




CR-15-6UC-UCR
Fixed Angle Rotor
6 x 50 mL,
RCF up to 2834 x g

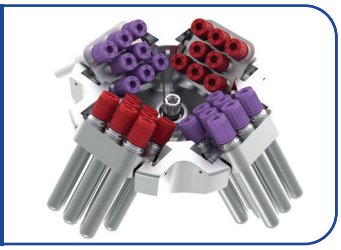
CR-15-24UC-UCR
Fixed Angle Rotor
24 x 15 mL,
RCF up to 2961 x g





CR-15-4UC-UCR
Swing Out Rotor
4 x 50 mL,
RCF up to 3305 x g

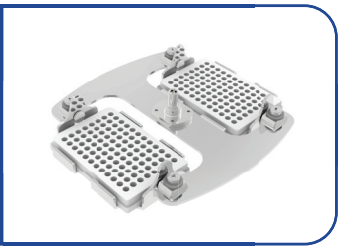
CR-15-32UC-UCR
Swing Out Rotor
32 x 6 mL,
RCF up to 3164 x g





CR-15-16UC-UCR
Swing Out Rotor
16 x 15 mL
RCF up to 3305 x g

CR-15-2MPUC-UCR
Swing Out Rotor
2 Micro Plates
RCF up to 2377 x g





CR-15-16FUC-UCR
Fixed Angle Rotor
16 x 15 mL
RCF up to 2857 x g

Important note – Each rotor has a range of optional tube adaptors.
Go to: www.ahn-bio.com/product/capp-rondo-crc-1544ucr-refrigerated-universal-centrifuge/ to see the full overview of all adaptors available.