

NuWind C200R Refrigerated Benchtop Centrifuge

UNIQUE FEATURES: - Half an inch thick guard barrier increases safety and allows small footprint and high volume. - Electronic Control Center allows a constant monitoring of the unit, preventive maintenance and easy servicing.

Rating: Not Rated Yet

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Manufacturer [Nuair](#)

Description

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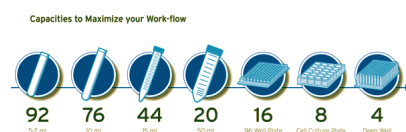
Description

- Free 30 Day Trial - Before You Buy (For a limited time only)
- 5 Year Warranty on Parts and Labor (United States and Canada)
- Ability to change rotors in seconds allows for Multi-Application use.

NuWind C200R Refrigerated Benchtop Centrifuge: Smaller in Size, Big on Capacity

The NuWind C200 series centrifuges offer the largest capacity available relative to their footprint. Using a $\frac{5}{16}$ " (8 mm) thick steel shell, NuWind minimizes its exterior footprint saving you more bench space while improving safety. This compact construction and safety allows NuWind to add more capacity while reaching the highest speeds on the market.

The NuWind™ C200R Refrigerated Benchtop Centrifuge is a 2 Liter general purpose centrifuge made by NuAire that can be used for the separation of substances at different densities that are held in suspension or emulsion in a liquid. It is designed to maximize productivity in the laboratory since it only takes up a minimal amount of space. The NuWind™ centrifuge offers precise temperature control and uses CFC-free refrigerant.



ClickSpin

Click-Spin allows technicians to exchange rotors in the simplest and fastest way possible; no tools are needed.

Align the rotor with the motor shaft and it will sit and lock itself. Once installed, an audible “click” will notify you the rotor is properly installed. When switching rotors, take hold of the red section of the rotor and spin it clockwise while holding the body of the rotor. An audible “click” will sound and your rotor will then be unlocked from the motor shaft. You can now easily remove it.

Click-Spin technology is available as a standard option on all our rotors. The ability to change rotors within seconds allows for multi-application use in cell culture, bioproduction, blood separation, microbiology and more.

InSight Electronic Control Center (ECS)

The InSight Electronic Control Center (ECC) is a plug and play box housing the brains of the machine. The ECC is designed with a touchscreen to simplify centrifuge controls for high user adoption.

- Up to 99 Programs with Title.
- Service reminders notifies user when it's time to grease centrifuge extending product life.
- Imbalance calibration utilizes software to learn.
- Service friendly: The InSight Control Center can be exchanged within minutes and can easily transfer programs to a new ECS, minimizing downtime.
- Microprocessor maintains a logbook record of accessories. Notifications will inform user when to check or renew accessory.
- End of cycle light visually informs when centrifugation cycle is complete

Rotor Recognition

Safely and securely run the centrifuge knowing a rotor cannot achieve speeds over its intended use.

Safety Lid Lock

Gently open and lock the centrifuge lid with an automatic locking mechanism to securely keep users safe during operation.

Imbalance Detection

If the samples are loaded in the rotor and not properly balanced (within acceptable range), the centrifuge will detect the high level of vibrations and stop the motor.

Power Factor Control

Constant and uniform voltage and amperage supplied to the motor; allowing 100% repeatability in the quality of the centrifugation.

C200R Features & Specifications

Standard Features on NuWind C200R Refrigerated Benchtop Centrifuges

- InSight Electronic Control System (ECS)
- 100 Programs with Title
- ClickSpin™ Compliant Rotor Shaft
- Rotor Recognition
- Energy Efficient Motor
- Power Factor Control
- End of Run Notification
- Imbalance Detection
- Automatic Locking Lid
- Safety Wall Design
- First Air Ventilation
- RS232 Connection
- Manual Lid Unlock
- Power Cord

Specifications for NuWind C200V Refrigerated Benchtop Centrifuges

Electrical Requirements

Models

NU-C200R: 115V, 50/60Hz
NU-C200RE: 230V, 50/60Hz

Max Power

2000 W

Heat Dissipation

6824 BTU/h

Quality Assurance

UL, UL-C

Dimensions and Weight

Max Capacity	4 x 625 ml
Exterior Dimensions (W x D x H)	26.6 x 24.8 x 12.7 in 675 x 630 x 322 mm
Net Weight	242 lbs 110 kg

Performance

Max RPM	18,000
Max RCF	30,980
Max Noise Level	< 55 dba

C200R Rotors & Rotor Specifications

Rotors & Rotor Specifications for NuWind C200R Refrigerated Bench Top Centrifuges

Rotor	Description	Max Speed	
NU-RX500 + NU-B500	Swing-out 4x500 ml Rotor with	rpm	5,100
	Round Buckets	x g	5,350
NU-RX500 + NU-BXDW	Swing-out 4x500 ml Rotor with	rpm	5,100
	Micro-plate Carriers	x g	4,500
NU-RHDW + NU-BHDW	Swing-out Micro-plate Rotor with	rpm	5,100
	Micro-plate Buckets	x g	4,537
NU-RX250 + NU-B250	Swing-out 4x250 ml Rotor with	rpm	5,100
	Round Buckets	x g	5,476
NU-RA24-2	24 x 2 ml Angle Rotor 45°	rpm	18,000
		x g	30,980
NU-RA30-2	30 x 2 ml Angle Rotor 45°	rpm	16,000
		x g	27,720
NU-RA48-2	48 x 2 ml Angle Rotor 45°	rpm	15,500
		x g	26,620
NU-RA16-5	16 x 5 ml Angle Rotor 45°	rpm	13,200
		x g	21,000
NU-RA8-50	8 x 50 ml Angle Rotor 25°	rpm	12,100
		x g	16,660

Tube Specifications for Bucket Inserts and Capacities

Brand		Greiner / BD		Greiner / BD / DB		Corning	
Volume	Tube	5 ml	7 ml	10/15 ml	15 ml	15 ml	50 ml
		Collection Tube			Cell Prep Tube CPT	Conical Bottom	
1	Tube Range	12 to 13	12 to 13	15 to 17	16	15.6 to 17.5	29 to 29.6
2	Max Cap	17.5	17	18	18	23	36
3	Min. High Under Cap	57	76	63	125	84	76
4	Max. Total High	110	110	113	132	121	116.5

Adapter Description

Reference Rotor NU-RX500, Set of 4 Buckets (NU-B500), Set of 4 Lids (NU-L500)

4 x 500 ml Rotor	Insert	23	23	19	7	11	5(1)	4
	Capacity							
	Insert	NU-2T5	NU-2T7	NU-2T10	NU-2T15C	NU-2T15C	NU-2T50C	NU-2T50CL
	Reference Rotor	92	92	76	28	44	20	16
	Capacity							

Reference Rotor NU-RX250, Set of 4 Buckets (NU-B250), Set of 4 Lids (NU-L250)

4 x 250 ml Rotor	Insert	15	15	12	3	7	4	3
	Capacity							
	Insert	NU-1T5	NU-1T7	NU-1T10 (2)		NU-1T15C	NU-1T50C	NU-1T50CL
	Reference Rotor	60	60	48	12 / 4	28	16	12
	Capacity							

Tube Specifications for Bucket Inserts and Capacities (Continued)

Brand	Corning
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Volume		50 ml	100 ml	200 ml	400 ml	625 ml
Tube		Self Standing	Round Bottom	Conical Bottom	Round Bottom	Flat Bottom
1	Tube Range	29 to 29.6	45	62	80	94
2	Max Cap	36	-	-	-	60
3	Min. High	78.5	-	-	-	131
	Under Cap					
4	Max. Total	119	117	125	125	137
	High					

Adapter Descriptions (Continued)

Reference Rotor NU-RX500, Set of 4 Buckets (NU-B500), Set of 4 Lids (NU-L500)

4 x 500	Insert	5	1	1	1	1
ml Rotor	Capacity					
	Insert	NU-2T50S	NU-2T100	NU-2T200	NU-2T400	No Insert
	Reference					Required
	Rotor	20	4	4	4	4
	Capacity					

Reference Rotor NU-RX250, Set of 4 Buckets (NU-B250), Set of 4 Lids (NU-L250)

4 x 250	Insert	3	1	1
ml Rotor	Capacity			
	Insert	NU-T50S	NU-1T100	NU-1T200
	Reference			
	Rotor	12	4	4
	Capacity			

Microplate and Deep Well Capacities

Rotor	Description	Micro-plates	Deep Well Micro-Plates
NU-RX500 + NU-BXDW	Swing-out 4x500 ml Rotor with Micro-plate Carriers	4x4	4x1
NU-RHDW + NU-BHDW	Swing-out Micro-plate Rotor with Micro-plate Buckets	2x4	2x1

Reviews

There are yet no reviews for this product.