

# LCRC - 3210

Large Capacity Refrigerated Centrifuge for Blood Bags



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**Analytical Technologies Limited**

An ISO 9001 Certified Company

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## ►► **PRODUCT INTRODUCTION**

### **Benchtop Large Capacity High Speed Refrigerated Centrifuge**

LCRC 3210 adopt the latest VF compressor with PID dynamic intelligent temperature control technology and dual channel frequency conversion refrigeration system. It's top level in the world, meet customers' high-precision temperature control experiments and protect temperature sensitive samples. Equipped with a variety of aerosol-tight bucket, to ensure safety when separate dangerous samples. It is the first choice for molecular biology, protein, DNA, RNA, cell separation and clinical medicine.

## ►► **PRODUCT ADVANTAGES**

- 7-inch HD touch screen, Setting parameters and running parameters at a glance.
- Input the value directly by touch screen for parameter setting, which is fast and convenient.
- According to the time interval of the experiment, the sleep time of the instrument can be set (user-defined), which can ensure the good refrigeration effect as well as save energy and increase the service life of the instrument.
- Pre-cooling function available. pre-cooling parameters can be customized according to different rotors. And it can be scheduled in advance, so the experiment can be carried out once entering the laboratory to save time.
- 100 user-defined program groups can be set and named easily. which is more convenient to call and distinguish different experiments in use, so as to realize the repeatability of the experiment.
- 11 Acceleration and 12 Deceleration rates, to achieve best centrifugal effect.
- The running records and diagnostic records are saved automatically, user can effectively check the operation of the instrument and the separation of each batch of samples.
- AC variable frequency motor, no carbon pollution, maintenance free, long service life and accurate speed control accuracy (less than 10r/min).

## ►► TECHNICAL PARAMETER

Max Speed	21000r/min
Max RCF	32752xg
Max Capacity	4x750ml
Speed Accuracy	±10r/min
Time Setting Range	1s ~ 99min59s/1 min ~ 99h59min
Timing mode	Start timing, Speed timing, Continuous timing
Temperature Setting Range	-20 ~ 40°C
Temperature Accuracy	Temperature controlled to 4°C±5°C at max speed
Pre-cooling function	Yes
Compressor Unit	VF compressor unit (R134a)
Noise	≤65dB (A)
Short Spinning	Yes
Rotor Identification	Yes
Power Supply	AC 220±22V 50/60 Hz
Power Consumption	1.6kW
Dimension (WxDxH)	713 X 681 X 398(mm)
Packing Dimension (WxDxH)	860 X 810 X 620(mm)
Net Weight	95kg

## ►► ROTOR PARAMETERS

	Rotor Type: Angle Rotor Max Capacity: 1 2x1.5/2.2ml Max Speed: 21000r/min Max RCF: 30642xg Adapter: 0.2ml. 0.5ml		Rotor Type: Angle Rotor Max Capacity: 12x1 5ml (conical) Max Speed: 14000r/min Max RCF: 21913xg Adapter: 5ml (conical)
	Rotor Type: Angle Rotor Max Capacity: 12x10ml Max Speed: 1 5000r/min Max RCF: 23120xg Adapter: 1.5ml. 5ml		Rotor Type: Angle Rotor Max Capacity: 6x30ml Max Speed: 15000r/min Max RCF: 23120xg Adapter: 5mls 10ml
	Rotor Type: Angle Rotor Max Capacity: 6x50ml Max Speed: 13500r/min Max RCF: 19354xg Adapter: 1.5ml. 5ml. 10ml. 25ml. 30ml 15ml. 20ml.		Rotor Type: Angle Rotor Max Capacity: 6x50ml (conical) 50ml round bottom adapter as gift Max Speed: 13000r/min Max RCF: 17947xg Adapter: 15ml (conical)
	Rotor Type: Angle Rotor Max Capacity: 12x5ml Max Speed: 16500r/min Max RCF: 19166xg Adapter: 0.5ml, 1.5ml		Rotor Type: Angle Rotor Max Capacity: 30x1.5/2.2ml Max Speed: 16000r/min Max RCF: 28918xg Adapter: 0.2ml. 0.5ml
	Rotor Type: Angle Rotor Max Capacity: 48x1.5/2.2ml Max Speed: 15000r/min Max RCF: 24663xg Adapter: 0.2ml. 0.5ml		Rotor Type: Angle Rotor Max Capacity: 6x100ml Max Speed: 10000r/min Max RCF: 11960xg Adapter: 5mls 10mls 25ml. 15ml (conical/round) 50ml (conical/round)
	Rotor Type: Angle Rotor Max Capacity: 24x1.5/2.2ml Max Speed: 18500r/min Max RCF: 32752xg Adapter: 0.2ml. 0.5ml		Rotor Type: Angle Rotor Max Capacity: 8x50ml (conical) 50ml round bottom adapter as gift Max Speed: 11000r/min Max RCF: 14100xg Adapter: 1.5ml. 5ml. 10mls 15mls 25ml. 30ml 20ml.
	Rotor Type: Angle Rotor Max Capacity: 8x50ml Max Speed: 12000r/min Max RCF: 15615xg Adapter: 1.5ml. 5ml. 10ml, 25mls 30ml 15ml. 20ml.		

Rotor	Bucket	Adaptor	Capacity/Order No	Adaptor	Capacity/Order No
  Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3345xg Max Capacity: 4x500ml	  Round Bucket		4x1 x250ml 0304891142		4x2x100ml 0304891009
			4x4x50ml(conical/round) 0304891008		4x7x20ml 0304851485
			4x9x15ml (conical/round) 0304891083		4x1 IXI 5ml (conical) (Cap ≤ 21.5mm) 0304891508
			4x14x1 0ml 0304891705		4x19x5/7ml Vaccum blood collection tube 0304851450
			4x36x1.5ml 0304891677		
	  Aerosol-tight round bucket		4x1x250ml 0304891041		4x3x1 00ml 0304891744
			4x6x50ml(conical/round) 0304891014		4x1 2x1 5ml (conical/round) (conical) 0304891582 (round) 0304891779
			4x20x10ml 0304891077		4x31x5/7ml Vaccum blood collection tube 0304891782
			4x56x1.5ml 10304891603		
	  Rectangular Bucket    Rectangular Bucket with sealing cover	Can be customized			

Rotor	Bucket	Adaptor	Capacity/Order No	Adaptor	Capacity/Order No
 Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3500xg Max Capacity: 4x750ml	 Round Bucket		4x1x500ml(conical/flat) 0304891035 (conical) 0304891036 (flat)		4x1x250ml(conical/flat) 0304891562 (conical) 0304891039 (flat)
			4x4x100ml 0304891006		4x5x50ml (Self-standing tube) 0304891024
			4x7x50ml(conical/round) 0304891003 (conical) 0304891004 (round)		4x10x20ml 0304891163
			4x15x15ml (conical) 0304891005		4x19x10ml (Self-standing tube) 0304891732
			4x21x10ml 0304891730		4x27x5/7ml Vacuum blood collection tube 0304891728
			4x37x5ml (RIA tube) 0304891166		4x56x1.5ml 0304891025
	 Rectangular bucket		4x9x50ml(conical/round) 0304891015 (conical) 0304891016 (round)		4x19x15ml(conical/round) 0304891012 (conical) 0304891704 (round)
			4x30x10ml 0304891709		4x38x5/7ml Vacuum blood collection tube 0304891017
	 Microplate bucket	4x2x96 Deep-well plate 4x4x96 Microplate Plate height in totals67mm			



## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

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**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

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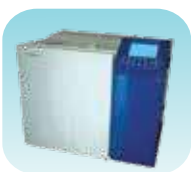
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Laser Particle  
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Ion Chromatograph



Water purification  
system

## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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