

LCR - 3016

Laboratory Refrigerated Centrifuge



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► PRODUCT INTRODUCTION

The new generation of microprocessor based tabletop centrifuge models uses brushless induction motor with frequency drive enabling the user to pre-set speed & time with a high degree of accuracy. The set parameters like speed, time and etc. are displayed. It is an ideal choice for repetitive sample analysis.

►► FEATURES

1. Microprocessor control with AC Brushless Motor
2. CFC free cooling system with pre-cooling function.
3. 5 Inches Colorful LCD Display the parameters of speed ,timer,RCF,Temperature,rotors information,Program(Memory)information,Acceleration& Deceleration information and Error code information.
4. Steel centrifuge body and 304# stainless steel chamber are autoclaveable and resistant detergents and disinfection liquids.
5. Gas hinge for lid drop protection.
6. Safety Electrical lid interlock,door can not open when rotor is running and machine won't run when lid open and error code appears.
7. Emergency lid lock release when power failure.
8. Window on lid for speed calibration and noise measurement.
9. Continuous operation, working continuous according the set time.
10. 96 kinds of Program(Memory) and 10 kinds of Acceleration&Deceleration for choice.
11. Automatic troubleshooting with indication of error code and alarm on the screen.




►► SPECIFICATION

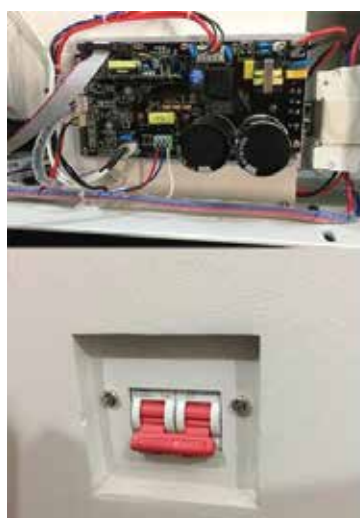
Speed range(rpm)	0-6000rpm adjustable	Max Capacity(ml)	4*750ml
Speed accuracy	±20r/min	Temperature accuracy	±2°C
RCF range (xg)	0-4500xg adjustable	Temperature range(°C)	-20°C~+40°C adjustable
Noise(dBA)	≤58dB(A)	Time range	1-99h99minutes adjustable
Dimension(mm)	830*665*395mm	Net weight(without rotor)	125KGS
Power supply	AC220-240V,50/60HZ,10A,1.5KW		

►► ROTOR LIST

NO.1 Swing rotor			
 Capacity:4x750ml Max speed:4000rpm Max RCF:3405xg	Adapter:4x40x0.2ml	Adapter:4x40x0.5ml	Adapter:4x26x1.5/2.2ml
	Adapter:4x16x5ml	Adapter:4x14x10ml	Adapter:4x14x15ml
	Adapter:4x9x20ml	Adapter:4x8x30ml	Adapter:4x5x50ml
	Adapter:6x3x100ml	Adapter:4x250ml	Adapter:4x300ml
	Adapter:4x500ml	Adapter:4x24x2ml(75mm) (vacuum blood collection tube)	Adapter:4x24x5ml(100mm) (vacuum blood collection tube)
NO.2 Swing rotor			
 Capacity:4x500ml Max speed:4000rpm Max RCF:3520xg	Adapter:4x26x0.2ml	Adapter:4x26x0.5ml	Adapter:4x17x1.5/2.2ml
	Adapter:4x10x5ml	Adapter:4x9x10ml	Adapter:4x9x15ml
	Adapter:4x7x20ml	Adapter:4x5x30ml	Adapter:4x3x50ml
	Adapter:4x100ml	Adapter:4x250ml	Adapter:4x300ml
	Adapter:4x9x2ml(75mm) (vacuum blood collection tube)	Adapter:4x9x5ml(100mm) (vacuum blood collection tube)	All can be custom made
NO.3 Swing rotor			
 Capacity:4x250ml(round) Max speed:4500rpm Max RCF:3830xg	Adapter:4x13x0.2ml	Adapter:4x13x0.5ml	Adapter:4x10x1.5/2.2ml
	Adapter:4x10x5ml	Adapter:4x5x10ml	Adapter:4x5x15ml
	Adapter:4x4x20ml	Adapter:4x3x30ml	Adapter:4x2x50ml
	Adapter:4x100ml	Adapter:4x9x2ml(75mm) (vacuum blood collection tube)	Adapter:4x6x5ml(100mm) (vacuum blood collection tube)

NO.4 Swing rotor			
 Capacity:2x2x96Micro plate Max speed:4000rpm Max RCF:2990xg	Adapter:2x49x0.2ml	Adapter:2x49x0.5ml	Adapter:2x30x1.5/2.2ml
NO.5 Swing rotor		NO.6 Swing rotor	
 Capacity:96x2ml (Vacuum blood collectiontube) Max speed:4000rpm Max RCF:2975xg	Adapter:96x0.2ml	 Capacity:96x5ml (Vacuum blood collectiontube) Max speed:4000rpm Max RCF:3405xg	Adapter:96x0.2ml
	Adapter:96x0.5ml		Adapter:96x0.5ml
	Adapter:96x1.5/2.2ml		Adapter:96x1.5/2.2ml
NO.7 Swing rotor		NO.8 Swing rotor	
 Capacity:80x2ml (Vacuum blood collectiontube) Max speed:4000rpm Max RCF:3260xg	Adapter:80x0.2ml	 Capacity:80x5ml (Vacuum blood collectiontube) Max speed:4000rpm Max RCF:3620xg	Adapter:80x0.2ml
	Adapter:80x0.5ml		Adapter:80x0.5ml
	Adapter:80x1.5/2.2ml		Adapter:80x1.5/2.2ml
NO.9 Swing rotor			
 Capacity:24x50ml Max speed:4000rpm Max RCF:3405xg	Adapter:24x3x0.2ml	Adapter:24x3x0.5ml	Adapter:24x2x1.5/2.2ml
	Adapter:24x5ml	Adapter:24x10ml	Adapter:24x15ml
	Adapter:24x20ml	Adapter:24x30ml	Adapter:4x9x2ml(75m m) (vacuum blood collectiontube)
	Adapter:4x9x5ml(100mm) (vacuum blood collection tube)	All can be custom made	

NO.10 Swing rotor			
 Capacity:48x15ml(16x15ml)Max speed:4000rpm Max RCF:3000xg	Adapter:48x0.2ml	Adapter:48x0.5ml	Adapter:48x2x1.5/2.2ml
NO.11 Swing rotor			
 Capacity:4x250ml(conical) Max speed:4000rpm Max RCF:3640xg	Adapter:4x14x0.2ml	Adapter:4x14x0.5ml	Adapter:4x10x1.5/2.2ml
	Adapter:4x5x5ml	Adapter:4x10ml	Adapter:4x15ml
	Adapter:4x20ml	Adapter:4x30ml	Adapter:4x50ml
	Adapter:4x100ml	Adapter:4x7x2ml(75mm) (vacuum blood collection tube)	Adapter:4x3x5ml(100mm) (vacuum blood collection tube)
NO.12 Fixed angle rotor			
	Capacity:12x10ml Max speed:6000rpm Max RCF:4500xg		



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Liquid Particle
Counter



Optical Emission
Spectrophotometer



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Semi Auto Bio
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Urine Analyzer



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