

GENTAUR

PRODUCTS CATALOGUE

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I. Capillary



NL-Capillary with polyamide adhesive coating

Synthetic excellent quartz glass: metallics ≤ 30 , OH ≤ 100

Tensile strain: $>300\text{Kpsi}$

Working temperature: 350 degrees centigrade, 400 degrees centigrade highest

NL-Capillary with polyamide adhesive coating						
NO	ID(um)	Deviation(um)	OD(um)	Deviation(um)	Coating(um)	Deviation(um)
NL-005365	5	+2	365	+10	25	+5
NL-010365	10	+2	365	+10	25	+5
NL-025365	25	+3	365	+10	25	+5
NL-050365	50	+3	365	+10	20	+4
NL-075365	75	+3	365	+10	20	+4
NL-100365	100	+6	365	+10	20	+4
NL-150365	150	+6	365	+10	20	+4
NL-200320	200	+10	320	+10	20	+4
NL-250370	250	+12	370	+10	20	+4
NL-320450	320	+12	450	+10	25	+4
NL-530690	530	+12	690	+10	30	+5
Note: Products can be made according to your special required parameters.						

II. Microscope

1. Digital Microscope



Model: NLBXTV-2

Application: Digital microscopes are widely used in medical and sanitary institution, lab, research institution etc in the fields of university biology, pathology, bacteriology, clinical trial, teaching etc.

Digital Parameter

NLBXTV series digital microscope supplies 1.3million, 2 million and 3.2 million pixel model, with 1/2" CMOS progressive scan image sensor. Output min resolution ratio is 1280*1024. Max transmission power is 25 FPS. On adjusting max resolution ratio, transmission power is less than 5 FPS. USB2.0 digital connector, transmission broadband is 480M FPS.

Merits: With good color reducibility, lower noise, image clearer. With manual/auto exposure function, manual/auto balance function etc.

Model	Max resolution ratio	Image sensor	Transmission rate/FPS	Outlet connector	Note
DMCSD130	1280*1024	CMOS	20	USB2.0	Progressive scan color
DMCSD200	1600*1200	CMOS	15	USB2.0	
DMCSD320	2048*1536	CMOS	12	USB2.0	

Microscope parameter

Viewing head: Compensation free trinocular head inclined at 30 degrees centigrade, pupil distance 55-75mm

Eyepiece: Wide field WF10*18mm, wide field WF 16*11mm

Plan achromatic: 4X, 10X, 40X(S), 100X(S, Oil)

Nosepiece: Big quadruple nosepiece

Stage: Double layers mechanical stage 140*130mm, moving range 75*50mm

Condenser: Abbe NA1.25 condenser with iris diaphragm and filter, rack and pinion adjustment

Illumination: Built-in LED light

System software: photograph, videotape, measure etc picture treatment function.

Support: Windows2000/XP professional system

2. Photomicroscope



	Specifications	NLBXTV-I	NLBXTV-II	NLBXTV-III
Viewing head	Sliding trinocular head inclined at 45°	•	•	
	Compensation free trinocular head inclined at 30°			•
Nosepiece	Ball bearing quadruple nosepiece	•	•	•
Eyepiece	Wide field plane-scope eyepiece: WF10*18mm	•	•	•
Objective	Achromatic 4x,10x,40x(S),100x(S,Oil)	•	•	
	Plan achromatic 4x,10x,40x(S),100x(S,Oil)			•

Stage	Double layers mechanical stage 135×140mm	•	•	•
Condenser	Abbe NA1.25 condenser with iris diaphragm and filter, rack and pinion adjustment	•	•	•
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 90~230V	•	•	•
Package	Each set in styrofoam to carton for safety	•	•	•

Image sensor	1/3 Sony CCD	Image outlet	BNC 1.0VP-P.75
Signal system	PAL/NTSC	BLC	Off/On
Scanning frequency	Horizontal: 15.625KHz Vertical: 50Hz	Electronic shutter	Auto iRIS/EE
Horizontal resolution	480TV/420TV	Lens mount	CS
Min illumination	F1.2 0.5Lux, 0.01Lux	Auto balance	Auto
Power consumption	73mA/85mA	Auto rise control	Auto
48S/N ratio	50db AGC	Power	DC 12V
Optional: 2.0 or 3.0 or 5.0 megapixel, CMOS electronic eyepiece			
Optional: Camera spare parts, dark field device, temperature control plat.			

3. Biological microscope I



NLXS-208CI



NLXS-208AII



NLXS-208C



NLXS-208CII(IX)



NLXS-208CII(0.5X)

	Specifications	NLXS-208C	NLXS-208CI	NLXS-208CII	NLXS-208CII	NLXS-208AII
Viewing head	Sliding trinocular head inclined at 45°	•				
	Compensation free binocular head inclined at 30°					•
	Compensation free trinocular head inclined at 30°		•	•	•	

Nosepiece	Ball beating quadruple nosepiece	•	•	•	•	•
Eyepiece	Wide field plane-scope eyepiece: WF10*18mm	•	•	•	•	•
Objective	Plan achromatic 4x,10x,40x(S),100x(S,Oil)	•		•	•	•
	Infinite plan achromatic 4x,10x,40x(S),100x(S,Oil)		•			
Stage	Double layers mechanical stage 135x140mm	•	•	•	•	•
Condenser	Abbe NA1.25 condenser with iris diaphragm and filter, rack and pinion adjustment	•	•	•	•	•
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 90~230V	•	•	•	•	•
Package	Each set in styrofoam to carton for safety	•	•	•	•	•

4. Biological microscope II



	Specifications	NLXS-208A	NLXS-208AI	NLXS-208B	NLXS-208BI	NLXS-208BII
Viewing Head	Sliding binocular head inclined at 45°	•				
	Sliding trinocular head inclined at 45°			•	•	
	Compensation free binocular head inclined at 30°		•			
	Compensation free trinocular head inclined at 30°					•
Nosepiece	Ball bearing quadruple nosepiece	•	•	•	•	•
Eyepiece	Wide field plane-scope eyepiece: WF10*18mm	•	•	•	•	•
Objective	Achromatic 4x, 10x, 40x(S), 100x(S, Oil)	•	•	•		•

	Achromatic 4x,10x,20x(S),100x(S,Oil)					
Stage	Double layers mechanical stage 135*140mm					
Condenser	Abbe NA1.25 condenser with Iris diaphragm and filter, rack and pinion adjustment					
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 90~230V					
Package	Each set in styrofoam to carton for safety					
Optional: 2.0 or 3.0 or 5.0 megapixel, CMOS electronic eyepiece						
Optional: Camera spare parts, dark field device						

5. Biological microscope III



	Specifications	NLXSB-301P	NLXSB-301B	NLXSB-103B	NLXSB-301A	NLXSB-301A
Viewing Head	Compensation free head inclined at 30°			•		
	Compensation free trinocular head inclined at 30°	•	•			
	Sliding trinocular head inclined at 45°				•	•
Nosepiece	Ball bearing quadruple nosepiece	•	•	•	•	•
Eyepiece	Wide field plane-scope eyepiece: WF10*18mm	•	•	•	•	•
Objective	Plan achromatic 4x,10x,40x(S),100x(S,Oil)	•				
	Achromatic 4x,10x,40x(S),100x(S,Oil)		•	•		•
	Achromatic 10x,20x,40x(S),100x(S,Oil)				•	
Stage	Double layers mechanical stage 135*140mm	•	•	•	•	•
Condenser	Abbe NA1.25 condenser with Iris diaphragm and filter, rack and pinion adjustment	•	•	•	•	•
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 220V	•	•	•	•	•

Package	Each set in styrofoam to carton for safety					
Optional: 2.0 or 3.0 or 5.0 megapixel, CMOS electronic eyepiece						
Optional: Camera spare parts, dark field device, temperature control plat						

6. Biological microscope IV



	Specifications	NLXSB-102B	NLXSB-101B	NLXSB-101BII
Viewing Head	Monocular head inclined at 45°			
	Dual observation, 45°~90° inclined A2d vertical 360° rotatable			
	Sliding binocular head inclined at 45°			

Nosepiece	Ball beating quadruple nosepiece	•	•	•
Eyepiece	Wide field plane-scope eyepiece: WF10*18mm	•	•	•
Objective	Achromatic 4x,10x,40x(S),100x(S,Oil)	•	•	•
Stage	Double layers mechanical stage 135*140mm	•	•	•
Condenser	Abbe NA1.25 condenser with Iris diaphragm and filter, rack and pinion adjustment	•	•	•
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 220V	•	•	•
Package	Each set in styrofoam to carton for safety	•	•	•

6.1 Inverted microscope







































NLXDS-403

Model	NLXDS-403
Eyepiece	Wide field plane-scope eyepiece: PL10*22mm
Objective	Infinite working distance plan achromatic: 4x,10x,20x(S),40x(S)
	Infinite working distance plan phase contrast: 10x,20x(S),40x(S)
Viewing head	Compensation free binocular and trinocular head inclined at 45°, Pupil distance: 55-75mm
Nosepiece	Localization within five hole converter
Stage	Double layers mechanical stage 242*172mm
Mechanical stage	Low coaxial regulator can be selected, different kinds of slide brackets can be installed
Phase sliding board	Center can be adjusted
Condenser	Abbe NA0.3 condenser, working distance 75mm
Focusing	Adjust coaxial focusing system, focusing range 38mm, fine-tuning figure 0.002mm
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 12V
Light filter	blue, yellow and green
Light source	halogen lamp 12V/30W, light intensity adjustable
Optional: Fluoroscopic apparatus, camera and relative analysing equipment	

7. Biological microscope IV



	Specifications	NLBX-101A	NLBX-101B	NLBX-101BI	NLBX-102A	NLBX-102B	NLBX-102C	NLBX-103C
Viewing head	Monocular head inclined at 45°	•	•					
	Dual observation, 45°, -90°, inclined and vertical 360° rotatable			•				
	Sliding binocular head inclined at 45°				•	•		
	Compensation free binocular head inclined at 30°						•	
	Sliding free trinocular head inclined at 45°							•
Nosepiece	Ball bearing quadruple nosepiece	•	•	•	•	•	•	•

Eyepiece	Wide field plane-scope eyepiece: WF10*18mm						
Objective	Achromatic 4x,10x,40x(S),100x(S,Oil)						
Stage	Double layers mechanical stage 115*125mm moving range 30*50mm						
Condenser	Abbe NA1.25 condenser with Iris diaphragm and filter, rack and pinion adjustment						
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 220V						
Package	Each set in styrofoam to carton for safety						
Optional: 2.0 or 3.0 or 5.0 megapixel, CMOS electronic eyepiece							

8. Metallurgical microscope



	Specifications	NLXJD-100	NLXJD-200	NLXDS-1	NLXDS-2
Viewing head	Monocular head inclined at 45°	•			
	Sliding binocular head inclined at 45°		•		
	Sliding free trinocular head inclined at 45°			•	
	Compensation free trinocular head inclined at 30°				•
Nosepiece	Ball beating quadruple nosepiece	•	•	•	•
Eyepiece	WF10x, WF12.5x	•	•	•	
	WF10x20mm				•
Objective	Metallurgical objectives 10x,40x,100x(S,Oil)	•	•	•	
	Infinity metallurgical objectives 4x,10x, 20x(S),40x				•
Stage	Double layers mechanical stage 242*172mm, moving range 75*50mm				•
	Double layers mechanical stage 135*140mm, moving range 70*50mm	•	•	•	
Focusing	Coaxial coarse and fine focusing adjustment with rack and pinion mechanism fine focusing scali value 0.002mm	•	•	•	•
Illumination	Built-in illumination, halogen lamp 6V/20W, power supply 220V	•	•	•	•
Filter	Blue, green, yellow	•	•	•	•
Optional: camera for film and photo, computer photo analysing software, connector 0.5X and 1XC					
Optional: Electric CMOS eyepiece: 2, 3 and 5 million pixel					

9. Fluorescence microscope



	Specifications
Fluorescent straight illumination	B(Blue), G(Green) exciting light filter system O Ordinary light system
	100W HBO super high-pressured spherical mercury lamp
Protection screen	Screen to resist the ultraviolet
Power	AC input 220V
Connecting wire	With two connectors

Fluorescent free objective	10x, 20x, 40x(S) 100x(S, Oil)
Immersion oil	Fluorescent free oil
Optional: U(Ultraviolet), V(Violet) exciting light filter system and O ordinary light system; auxiliary exciting filter EX450-490	

10. Teaching microscope



NLXSP-06



NLXSP-08



NLXSP-03



NLXSP-02



NLXSP-01

Specifications		NLXSP-08	NLXSP-06	NLXSP-03	NLXSP-02	NLXSP-01
Achromatic Objective(185mm)	4X				•	
	10X	•	•	•	•	
	12.5X					•
	40X	•	•	•	•	
	100X	•	•	•		
Eyepiece	5X				•	
	10X	•★	•★	•	•	
	16X	•	•	•	•	•
Separated coarse and fine focusing adjustable mechanism				•	•	•★
Coaxial coarse and fine focusing adjustable mechanism		•	•			
Nosepiece		•	•	•	•	
Condenser		•	•	•		
Stop dial diaphragm					•	
Sliding ruler medianism				•		
Double layers stage		•	•			
Paired clips					•	•
Reflector				•	•	•
Electric light source		•	•			
Focusing stop to prevent abjectives		•	•	•	•	•
Optional: inset type electric light source, wide field WF10X18; 01 type adjusting system(no fine tuning function).						

11. Stereoscopic microscope



NLSZM-45



NLST-60



NLST-40



NLST-20

Items	NLSZM-45BI	NLSZM-45TI	SZM45-TI+NLSZMPH	ST-60	ST-40	ST-20
Sliding head	45 degrees centigrade					Vertical tube
Lens cone	binocular	trinocular	trinocular/film	binocular/trinocular	binocular	binocular
Eyepiece	WF10X20 high-point ocular				WF10X	
Objective	0.70X-4.5X continuous x objective lens			Objective 1X, 3X, 2X, 4X		
Enlargement ratio	7X-90, 3.5X-180X(with auxilliary objective lens					
Pupil distance	Adjusting range: 54-75mm					
Visibility range	Double oxyoptex can be adjusted					
Working distance	100mm				80mm	
Illumination	Upper illumination: transillumination 12V20W Lower illumination: transillumination 12V20W					Natural light

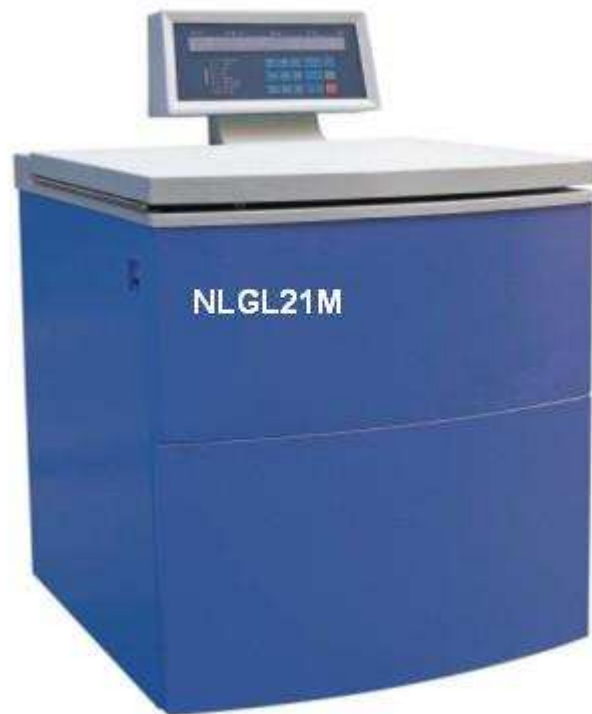
Auxilliary objective lens	Ratio	Working distance
NLSZMAO0.5	0.5X	165
NLSZMAO1.5	1.5X	45
NLSZMAO2	2.0X	26

Optional: CMOS electronic eyepiece 2M, 3M, 5M

Optional: Photographic facility, 0.5X, 1XC connector

III. Centrifuge

1. NLGL21M high speed refrigerated centrifuge



Application:

Widely used in the area of animal and plant molecular biology, cell biology, clinical application, bio-engineering, mass preparation and blood, protein precipitation. Separating the biology, viruses, sub-cell, cell and the chemicals in the cell.

Features:

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
4. More than 20 kinds of rotors for your choice, especial the continuous rotors which help you purify a large number of test solution continuously.
5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.
7. The centrifuge body is made of high-quality steel, safe and reliable.

Model: NLGL21MC high speed refrigerated centrifuge**Features:**

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
4. Micro computer control system, the 10 inches LCD display indicates all the parameters in running. There are 30 kinds of program

and 10 kinds of acceleration and deceleration for your choice.

5. W2t centrifugation is allowed, which make you have the ideal centrifugation result.

6. 20 kinds of rotors for your choice, especial the continuous rotor help you purify a large amount of test solution continuously.

7. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.

8. The centrifuge body is made of high-quality steel, safe and reliable.

NLGL21M NLGL21MC Technical Parameters	
Max Speed	21000r/min
Max Volume	6*500ml
Timer	1~99h59min
Dimension	865*728*1240
Speed Accuracy	+20r/min
Temperature Accuracy	+1 degrees centigrade
Max RCF	46140*g
Temperature Range	-20~40 degrees centigrade
Noise	<=65dBA
Net Weight	235KG
Power Supply	AC220V 50HZ 20A



NLGL21M NLGL21MC Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30108	Fixed rotor	21000	12*10ml	44440
No30117	Fixed rotor	20000	16*10ml	46140
No30111	Fixed rotor	20000	6*50ml	44700
No30118	Fixed rotor	20000	8*30/20ml	42040
No30119	Fixed rotor	15000	8*50ml	27540
No30112	Fixed rotor	15000	6*70ml	25480
No30120	Fixed rotor	12000	8*100ml	19610
No30121	Fixed rotor	11000	4*300ml	18120
No30122	Fixed rotor	10000	6*300ml	15730
No30123	Fixed rotor	8000	6*500ml	11740
No30132	Interval rotor	17000	1000ml	31390
No30133	Interval rotor	12000	1200ml	19350
No30134	Interval rotor	10000	3000ml	14890
No30135	Vertical rotor	20000	16*5ml	38340
No30136	Vertical rotor	18000	8*30ml	32650

No30180	Swing rotor	15000	4*5ml	21670
No30181		13000	4*30ml	23580
No30182		10000	4*50ml	16240
No30694	Bucket rotor	4000	4*4*96 well	2840
No30696	Swing rotor	4000	4*750ml(500ml bottle)	3380
Matched for the 40301--40308 adaptor				

NLGL21M NLGL21MC Matched Rotors						
NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF	Standard Flow	Deposit
No30128	Continuous centrifugal rotor	17000	1000ml	31390	285-350ml/s	500ml
No30129	Continuous centrifugal rotor	14000	1800ml	21710	220-500ml/s	500ml
No30130	Continuous centrifugal rotor	8000	3000ml	9450	220-500ml/s	1600ml
No30131	Continuous centrifugal rotor	8000	1800ml	8600	220-500ml/s	1000ml

2. NLDL6M series large capacity refrigerated centrifuge

Application:

Widely used in the field of blood station, pharmaceutical factory, biochemistry, biological products and so on. It is the ideal instrument for blood separation, protein precipitation and cell collection.



Model: NLDL6MB large capacity refrigerated centrifuge

Features

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the motor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot altering easily, free environment pollution and precise in temperature control.
4. There are more than 20 kinds of rotors for your choice.
5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of

acceleration and deceleration for your choice.

6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.

7. The centrifuge body is made of high-quality steel, safe and reliable.

NLDL6MB/NLDL6MC Technical Parameters	
Max Speed	6000 r/min
Max RCF	6600*g
Timer	1~99h59min
Dimension	940*735*1260
Speed Accuracy	±20r/min
Temperature Range	-20℃~40℃
Noise	≤65dBA
Net Weight	260KG
Power Supply	AC 220V 50Hz 20A

Model: NLDL6MC large capacity refrigerated centrifuge application

Features:

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in temperature control.
4. Micro computer control system, the 10 inches LCD display indicates all the parameters in running. There are 30 kinds of program and 10 kinds of acceleration and deceleration for your choice.
5. W^2t centrifugation is allowed, which make you have the ideal centrifugation result.
6. There are 20 kinds of rotor for your choice.

7. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.

8. The centrifuge body is made of high quality steel, safe and reliable.

NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30298	Swing rotor round cup	4200	6*1000ml	5100
	Matched for the 40201--40208 adaptor			
	Swing rotor elliptic cup	4200	6*1000ml	5100
No30221	Fixed rotor	6000	4*300ml	5390
No30222	Fixed rotor	6000	6*300ml	5660
No30223	Fixed rotor	6000	6*500ml	6600
No30649	Bucket rotor	4000	4*4*96 well	2840

3. NLCDL7M series super capacity refrigerated centrifuge

Application:

Widely used in the field of blood station, pharmaceutical factory, biochemistry, biological products and so on. Its max volume is 12 liter. It is the ideal instrument for blood separation, protein precipitation and cell collection.



Model: NLCDL7M super capacity refrigerated centrifuge

Features:

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
4. There are more than 20 kinds of rotors for your choice.

5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.
7. The centrifuge body is made of high quality steel, safe and reliable.

NLCDL7M NLCDL7MC Technical Parameters	
Max Speed	7000 r/min
Max Volume	6*2000ml
Timer	1~99h59min
Dimension	950*870*1300
Speed Accuracy	+/-20r/min
Temperature Accuracy	+/-1 degrees centigrade
Max RCF	11900*g
Temperature Range	-20~40 degrees centigrade
Noise	≤65dBA
Net Weight	260KG
Power Supply	AC 220V 50Hz 20A

Model: NLCDL7MC super capacity refrigerated centrifuge

Features:

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in temperature control.
4. Micro computer control system, the 10 inches LCD display indicates all the parameters in running. There are 30 kinds of program

and 10 kinds of acceleration and deceleration for your choice.

5. W2t centrifugation is allowed, which make you have the ideal centrifugation result.

6. There are many kinds of rotor for your choice.

7. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.

8. The centrifuge body is made of high quality steel, safe and reliable.

NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30324	Fixed rotor	7000	6*1000ml	11900*g
No30399	Swing rotor	4200	6*2000ml	6360*g

4. NLDDL series low speed large capacity refrigerated centrifuge

Application:

Widely used in the field of blood station, pharmaceutical factory, biochemistry, biological products and so on. It is the ideal instrument for blood separation, protein precipitation and cell collection.

Model: NLDDL6/NLDDL6C low speed large capacity refrigerated centrifuge

Features:

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.

2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.

3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.

4. There are many kinds of rotors for your choice.

5. Micro computer control system, digital display the temperature, time and speed.

6. There are many kinds of rotors for your choice.

- 7. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
- 8. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.
- 9. The centrifuge body is made of high quality steel, safe and reliable.



NLDDL6 NLDDL6C Technical Parameters	
Max Speed	6000r/min
Max RCF	6600*g
Timer	1~99h59min
Dimension	865*650*830
Speed Accuracy	+20r/min
Temperature Accuracy	+1 degrees centigrade
Max Volume	4*1000ml
Temperature Range	-20~40 degrees centigrade
Noise	<=60dBA
Net Weight	184KG
Power Supply	AC220V 50Hz 20A

NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF
No33097	Swing rotor	4000	4*1000ml	4060*g
	Matched for the 40201--40208 adaptor			
No30221	Fixed rotor	6000	4*300ml	5390*g
No30222	Fixed rotor	6000	6*300ml	5660*g
No30223	Fixed rotor	6000	6*500ml	6600*g
No30694	Bucket rotor	4000	4*4*96 well	2840*g

5. NLDL5MC, NLDL5M, NLDL5

Model NLDL5M and NLDL5 large capacity refrigerated centrifuge



Features

1. Brushless frequency motor for model NLDL5M and brushless DC motor for NLDL5 which in great torque, free maintenance, no powder pollution, quick in speed up and down.

2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
4. There are 14 kinds of rotors for your choice.
5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.
7. The centrifuge body is made of high quality steel, safe and reliable.

NLDL5MC NLDL5M NLDL5 Technical Parameters	
Max Speed	5000r/min
Max Volume	4*750ml
Timer	1~99h59min
Dimension	682*540*820
Speed Accuracy	+20r/min
Temperature Accuracy	+1 degrees centigrade
Max RCF	4730*g
Temperature Range	-20~40 degrees centigrade
Noise	<=60dBA
Net Weight	170KG
Power Supply	AC220V 50Hz 15A

NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF
No30695	Swing rotor	4000	2*750ml(500ml bottle)	3380

No30696	Swing rotor	4000	4*750ml(500ml bottle)	3380
	Matched for the 40301--40308 adaptor			
	Swing rotor elliptic cup	4000	4*500ml	3940
No30592	Swing rotor	4000	4*300ml	2920
	Matched for the 40401--40408 adaptor			
No30589	Swing rotor	4000	4*22*5ml(Vacuum tube)	2840
		4000	4*31*5ml(Radiation and immunity tube)	
No30590	Swing rotor	4000	4*22*7ml(Vacuum tube)	3140
		4000	4*31*7ml(Radiation and immunity tube)	
No30691	Bucket rotor	4000	2*4*96 well	2490
No30694	Bucket rotor	4000	4*4*96 well	2840
No30676	Bucket rotor	4000	2*3*48 well	2300
No30679	Swing rotor cubic cup	4000	4*500ml	3310
		Matched for the 40101--40108 adaptor		
No30627	Fixed rotor	5000	30*15ml	3830
No30638	Fixed rotor	5000	6*15ml	2540
No30607	Fixed rotor	5000	12*15ml	3080
No30639	Fixed rotor	5000	24*15ml	3500
No30640	Fixed rotor	5000	4*50ml	2520
No30611	Fixed rotor	5000	6*50ml	2850
No30641	Fixed rotor	5000	12*50ml	3860
No30642	Fixed rotor	4000	24*50ml	2970
No30613	Fixed rotor	5000	4*100ml	2630
No30614	Fixed rotor	5000	6*100ml	3130
No30643	Fixed rotor	4000	12*100ml	2970

No31377	Swing rotor multi-pipe	5000	Matched for the following tube holder and tube shelf	
			4*50ml	4730
			4*100ml	4730
No31378	Swing rotor multi-pipe	4000	Matched for the following tube holder and tube shelf	
			4*2*100ml	3020
			4*2*50ml	3200
			4*4*15ml	3200
			4*6*15ml	3200
			4*8*15ml	3200
			4*12*7ml	2880
			4*8*10ml	2790
			4*6*10ml	2790
			4*4*10ml	2790



6. NLTGL series table top high speed refrigerated centrifuge

Application: Widely used in the field of medicine, life science, agriculture science, institute and so on, used in the area of protein precipitation, RNA extraction and clinical sample processing.



Model: NLTGL20MC table top high speed refrigerated centrifuge

Features

1. Brushless frequency motor which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in temperature control.
4. Micro computer control system, the LCD display indicates all the parameters in running. There are 30 kinds of program and 10

kinds of acceleration and deceleration for your choice.

5. W^2t centrifugation is allowed, which make you have the ideal centrifugation result.

6. There are 16 kinds of rotor for your choice

7. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.

8. The centrifuge body is made of high quality steel, safe and reliable.

NLTGL20MC NLTGL20M NLTGL20 Technical Parameters	
Max Speed	20000 r/min
Max Volume	6*100ml
Timer	1~99h59min
Dimension	608*570*380
Speed Accuracy	± 20 r/min
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Max RCF	26660*g
Temperature Range	-20 $^{\circ}\text{C}$ ~40 $^{\circ}\text{C}$
Noise	≤ 58 dB(A)
Net Weight	82KG
Power Supply	AC 220V 50Hz 10A

NLTGL20MC/20M/20MB Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF
No30801	Fixed rotor	20000	12*1.5/2ml	25430
No30802	Fixed rotor	15000	40*0.5ml	22920
No30803	Fixed rotor	17000	24*1.5/2ml	26460

No30804	Fixed rotor	13500	30*1.5/2ml	19340
No30805	Fixed rotor	16000	16*5ml	22020
No30806	Fixed rotor	16000	12*7ml	21380
No30807	Fixed rotor	10000	12*15ml	11840
No30808	Fixed rotor	15000	12*10ml	22680
No30809	Fixed rotor	15000	8*20ml	22680
No30810	Fixed rotor	14000	6*30ml	19060
No30811	Fixed rotor	12000	6*50ml	16050
No30812	Fixed rotor	12000	6*70ml	15570
No30813	Fixed rotor	12000	4*100ml	14850
No30814	Fixed rotor	10000	6*100ml	11380
No30815	Fixed rotor	16000	6*10ml	21500
No30816	Fixed rotor	18000	30*0.5ml	26660
No30844	Fixed rotor	13000	48*1.5/2ml	17930
No30480	Swing roto	15000	4*5ml	19920
No30435	Vertical rotor	16000	16*5ml	16540
No30676	Bucket rotor	4000	2*3*48well	2300



7. NLTGL18C, NLTGL18, NLGL20, NLGL20C



Model: NLTGL 18C table top high speed refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTGL 18C which in great torque, free maintenance, no power pollution, quick in speed up and down.
2. Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in temperature control.
4. Micro computer control system, the LCD display indicates all the parameters in running. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
5. W2t centrifugation is allowed, which make you have the ideal centrifugation result.

6. There are 16 kinds of rotor for your choice.
7. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.
8. The centrifuge body is made of high quality steel, safe and reliable.

Model: NLTGL18 table top high speed refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTGL18 which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
4. There are 16 kinds of rotors for your choice.
5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.
7. The centrifuge body is made of high-quality steel, safe and reliable.

NLTGL18C/NLTGL18 Technical Parameters			
Max Speed	21000r/min	Max RCF	29670*g
Max Volumn	4*800ml	Temperature Range	-20℃~40℃
Timer	1~99h59min	Noise	≤58dBA
Dimension	688*715*430	Net Weight	125KG
Speed Accuracy	±20R/MIN	Power Supply	AC 220V 50Hz 15A
Temperature Accuracy	±1℃		



Model: NLGL20 high speed refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLGL20M and brushless DC motor for NLGL20 which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in

temperature control.

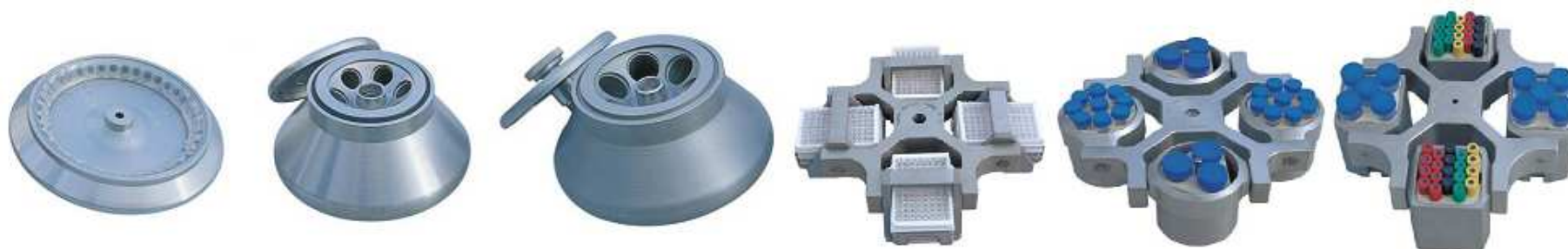
4. There are 16 kinds of rotors for your choice.

5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.

6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.

7. The centrifuge body is made of high-quality steel, safe and reliable.

NLGL20/NLGL20C Technical Parameters	
Max Speed	21000r/min
Max Volumn	6*100ml
Timer	1~99h59min
Dimension	682*540*820
Speed Accuracy	±20r/min
Temperature Accuracy	±1℃
Max RCF	26660*g
Temperature Range	-20℃~40℃
Noise	≤58dBA
Net Weight	170KG
Power Supply	AC220V 50Hz 20A



NLTL18MC/18M/18/18C NLGL20/20C Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30801	Fixed rotor	21000	12*1.5/2ml	28030
No30802	Fixed rotor	15000	40*0.5ml	22920
No30803	Fixed rotor	18000	24*1.5/2ml	29670
No30404	Fixed rotor	13500	30*1.5/2ml	19340
No30805	Fixed rotor	16000	16*5ml	22020
No30806	Fixed rotor	16000	12*7ml	21380
No30407	Fixed rotor	10000	12*15ml	11840
No30808	Fixed rotor	15000	12*10ml	22680
No30809	Fixed rotor	15000	8*20ml	22680
No30810	Fixed rotor	14000	6*30ml	19060
No30811	Fixed rotor	13000	6*50ml	18840
No30812	Fixed rotor	12000	6*70ml	15570
No30813	Fixed rotor	12000	6*100ml	14850
No30814	Fixed rotor	10000	6*100ml	11380

No30815	Fixed rotor	16000	6*10ml	21500
No30816	Fixed rotor	18000	30*0.5ml	26660
No30627	Fixed rotor	5000	30*15ml	3830
No30642	Fixed rotor	4000	24*50ml	2970
No30643	Fixed rotor	4000	12*100ml	2970
No30844	Fixed rotor	13000	48*1.5/2ml	17930
No31377	Swing rotor multi-pipe	5000	Matched for the following tube holder and tube shelf	
			4*50ml	4730
			4*100ml	4730
No31378	Swing rotor multi-pipe	4000	Matched for the following tube holder and tube shelf	
			4*2*100ml	3020
			4*2*50ml	3200
			4*4*15ml	3200
			4*6*15ml	3200
			4*8*15ml	3200
			4*12*7ml	2880
			4*8*10ml	2790
			4*6*10ml	2790
			4*4*10ml	2790
No30695	Swing rotor round cup	4000	2*750ml(500ml bottle)	3380
No30696	Swing rotor round cup	4000	4*750ml(500ml bottle)	3380
	Matched for the 40301--40308 adaptor			
	Swing rotor elliptic cup	4000	4*500ml	3380

No30592	Swing rotor	4000	4*300ml	2920
		Matched for the 40401--40408 adaptor		
No30679	Swing rotor cubic cup		4*500ml	3130
		Matched for the 40401--40108 adaptor		
No30589	Swing rotor	4000	4*22*5ml(Vacuum tube)	2840
			4*31*5ml(Radiation and immunity tube)	
No30590	Swing rotor	4000	4*22*7ml(Vacuum tube)	3140
			4*31*7ml(Radiation and immunity tube)	
No30691	Bucket rotor	4000	2*4*96 well	2490
No30694	Bucket rotor	4000	2*4*96 well	2840
No30676	Bucket rotor	4000	2*3*48 well	2300
No30480	Vertical rotor	15000	4*5ml	19920
No30435	Fixed rotor	16000	16*5ml	16540
No30671	Vertical rotor	4000	4*800ml	3450

8. Model NLTGL16MC NLTGL16M NLTGL16

Model: NLTGL16MC table top high speed refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTGL16MC which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in temperature control.
4. Micro computer control system, the LCD display indicates all the parameters in running. There are 10 kinds of program and 10

kinds of acceleration and deceleration for your choice.

5. W^2t centrifugation is allowed, which make you have the ideal centrifugation result.

6. There are 16 kinds of rotors for your choice.

7. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.

8. The centrifuge body is made of high quality steel, safe and reliable.



NLTGL16MC/NLTGL16M/NLTGL16 Technical Parameters	
Max Speed	16000r/min
Max Volumn	6*100ml
Timer	1~99h59min
Dimension	608*570*380mm
Speed Accuracy	±20r/min

Temperature Accuracy	±1℃
Max RCF	20600*g
Temperature Range	-20℃~40℃
Noise	≤58dBA
Net Weight	82KG
Power Supply	AC220V 50Hz 10A

Model: NLTGL16M/NLTGL16 table top high speed refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTGL16M and Brushless DC motor for NLTGL16 which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in temperature control.
4. Micro computer control system, the LCD display indicates all the parameters in running. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
5. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.



NLTGL16MC/NLTGL16M/NLTGL16 Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30401	Fixed rotor	16000	12*1.5/2ml	16270
No30402	Fixed rotor	14000	40*0.5ml	19970
No30403	Fixed rotor	15000	24*1.5/2ml	20600
No30404	Fixed rotor	13500	30*1.5/2ml	19340
No30405	Fixed rotor	15000	16*5ml	19350
No30406	Fixed rotor	14000	12*7ml	16370
No30407	Fixed rotor	10000	12*15ml	11840
No30408	Fixed rotor	12000	12*10ml	14510
No30409	Fixed rotor	12000	8*20ml	14510
No30410	Fixed rotor	12000	6*30ml	14000
No30411	Fixed rotor	10000	6*50ml	11140
No30412	Fixed rotor	10000	6*70ml	10810
No30413	Fixed rotor	10000	4*100ml	10310
No30414	Fixed rotor	8000	6*100ml	7280

No30415	Fixed rotor	14000	6*10ml	16460
No30416	Fixed rotor	15000	30*0.5ml	18510
No30444	Fixed rotor	11000	48*1.5/2ml	12840
No30480	Swing rotor	15000	4*5ml	19920
No30435	Vertical rotor	16000	16*5ml	16540
No30676	Bucket rotor	4000	2*3*40 well	2300

9. NLTGL16E Table top high speed refrigerated micro capacity centrifuge



Features

1. Brushless DC motor, free maintenance, speed up and down quickly.
2. Micro computer control, digital display indicates the speed, time, temperature.
3. Free fluorine cooling system, free pollution, and quick in refrigeration.
4. Electric lid lock, over speed and imbalance protection.
5. The centrifuge body is made of high quality steel, safe and reliable.

6. It adopts spring taper sleeve to connect rotors and axis, easy to install and uninstall, safe to use.

7. Triple shock to make centrifuging result better and better.

NLTGL16E Technical Parameters				
Max Speed	16000r/min	Max RCF	19040*g	
Max Volumn	10*5ml	Temperature Range	-20℃~40℃	
Timer	1~99h59min	Noise	≤55dBA	
Dimension	508*450*270mm	Net Weight	43KG	
Speed Accuracy	±20r/min	Power Supply	AC 220V 50Hz 5A	
Temperature Accuracy	±1℃			
Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No31001	Fixed rotor	16000	40*0.2ml	19040
No31002	Fixed rotor	16000	24*0.5ml	18480
No31003	Fixed rotor	16000	12*1.5/2ml	16260
No31004	Fixed rotor	16000	10*5ml	17880
No31005	Fixed rotor	14000	20*1.5/2ml	15580

10. NLTDL5MC, NLTDL5M, NLTDL5L, NLTDL5

Model: NLTDL5MC and NLTDL5C Table top large capacity refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTDL5MC and brushless DC motor for model NLTDL5C which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. Flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressor fluorine free, double cycle cooling, cold and hot alternative easily, environment pollution free, precise in

temperature control.

4. Micro computer control system, the LCD display indicates all the parameters in running. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.

5. W^2t centrifugation is allowed, which make you have the ideal centrifugation result.

6. There are 8 kinds of rotor for your choice.

7. Automatically electric lid lock system, super speed, over temperature protection and imbalance protection.

8. The centrifuge body is made of high quality steel, safe and reliable.



NLTDL5MC/NLTDL5C Technical Parameters

Max Speed	5000r/min
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Max Volumn	4*750ml
Timer	1~99h59min
Dimension	688*715*430mm
Speed Accuracy	±20r/min
Temperature Accuracy	±1℃
Max RCF	4730*g
Temperature Range	-20℃~40℃
Noise	≤65dBA
Net Weight	125KG
Power Supply	AC 220V 50Hz 15A

Model: NLTDL5M and NLTDL5 table top large capacity refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTDL5M and brushless DC motor for NLTDL5 which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
4. There are 8 kinds of rotors for your choice.
5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of acceleration and deceleration for your choice.
6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.
7. The centrifuge body is made of high quality steel, safe and reliable.

NLTDL5M/NLTDL5 Technical Parameters	
Max Speed	5000r/min
Max Volumn	4*750ml
Timer	1~99h59min
Dimension	688*715*430
Speed Accuracy	±50r/min
Temperature Accuracy	±1℃
Max RCF	4730*g
Temperature Range	-20℃~40℃
Noise	≤65dBA
Net Weight	125KG
Power Supply	AC 220V 50Hz 15A

NLTDL5MC/NLTDL5M/NLTDL5L/NLTDL5 Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30695	Swing rotor	4000	2*750ml(500ml bottle)	3380
	Swing rotor round cup	4000	4*750ml(500ml bottle)	3380
No30696	Matched for the 40301--40308 adaptor			
	Swing rotor elliptic cup	4000	4*500ml	3940
No30592	Swing rotor	4000	4*500ml	3940
	Matched for the 40401--40408 adaptor			
No30589	Swing rotor	4000	4*22*7ml(Vacuum tube) 4*31*5ml(Radiation and immunity tube)	2840
No30590	Swing rotor	4000	4*22*7ml(Vacuum tube)	3140

			4*31*7ml(Radiation and immunity tube)	
No30691	Bucket rotor	4000	2*4*96 well	2490
No30694	Bucket rotor	4000	4*4*96 well	2840
No30676	Bucket rotor	4000	2*3*48 well	2300
No30679	Swing rotor cubic cup	4000	4*500ml	3310
	Matched for the 40101--40108 adaptor			
No30638	Fixed rotor	5000	6*15ml	2540
No30607	Fixed rotor	5000	12*15ml	3080
No30639	Fixed rotor	5000	24*15ml	3500
No30640	Fixed rotor	5000	4*50ml	2520
No30611	Fixed rotor	5000	6*50ml	2850
No30641	Fixed rotor	5000	12*50ml	3860
No30642	Fixed rotor	4000	24*50ml	2970
No30613	Fixed rotor	5000	4*100ml	2630
No30614	Fixed rotor	5000	6*100ml	3130
No30643	Fixed rotor	4000	12*100ml	2970
No30627	Fixed rotor	5000	30*15ml	3830
No31377	Swing rotor multi-pipe	5000	Matched for the following tube holder and tube shelf	
			4*50ml	4730
			4*100ml	4730
No31378	Swing rotor multi-pipe	4000	Matched for the following tube holder and tube shelf	
			4*2*100ml	3020
			4*2*50ml	3200
			4*4*15ml	3200

			4*6*15ml	3200
			4*8*15ml	3200
			4*12*7ml	2880
			4*8*10ml	2790
			4*6*10ml	2790
			4*4*10ml	2790



11. NLTDL5A and NLTDL5 table top capacity refrigerated centrifuge

Features:

1. Brushless frequency motor for model NLTDL5A and brushless DC motor for NLTDL5 which in great torque, free maintenance, no powder pollution, quick in speed up and down.
2. The flexible axle driven system which drive the rotor directly, smooth in operation, low noise and small vibration.
3. Import compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in

temperature control.

4. There are 8 kinds of rotors for your choice.

5. Micro computer control system, digital display the temperature, time and speed. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.

6. Automatically electric lid lock, super speed, over temperature protection and imbalance protection.

7. The centrifuge body is made of high quality steel, safe and reliable.

NLTDL5A Technical Parameters	
Max Speed	5000r/min
Max Volumn	4*300ml
Timer	1~99h59min
Dimension	640*665*420
Speed Accuracy	±50r/min
Temperature Accuracy	±1℃
Max RCF	4730*g
Temperature Range	-20℃~40℃
Noise	≤65dBA
Net Weight	118KG
Power Supply	AC 220V 50Hz 15A



NLTDL5A Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30592	Vertical rotor	4000	4*300ml(250ml bottle)	2920
	Matched for the 40401--40408 adaptor			
No30589	Vertical rotor	4000	4*22*5ml(Vacuum tube)	2840
			4*31*5ml(Radiation and immunity tube)	
No30590	Vertical rotor	4000	4*22*7ml(Vacuum tube)	3140
			4*31*7ml(Radiation and immunity tube)	
No30691	Bucket rotor	4000	2*4*96 well	2490
No30676	Bucket rotor	4000	2*3*48 well	2300
No31377	Swing rotor multi-pipe	5000	Matched for the following tube holder and tube shelf	

			4*50ml	4730
			4*100ml	4730
No31378	Swing rotor multi-pipe	4000	Matched for the following tube holder and tube shelf	
			4*2*100ml	3020
			4*2*50ml	3200
			4*4*15ml	3200
			4*6*15ml	3200
			4*8*15ml	3200
			4*12*7ml	2880
			4*8*10ml	2790
			4*6*10ml	2790
			4*4*10ml	2790
No30627	Fixed rotor	5000	30*15ml	3830
No30638	Fixed rotor	5000	6*15ml	2540
No30607	Fixed rotor	5000	12*15ml	3080
No30639	Fixed rotor	5000	24*15ml	3500
No30640	Fixed rotor	5000	4*50ml	2520
No30611	Fixed rotor	5000	6*50ml	2850
No30641	Fixed rotor	5000	12*50ml	3860
No30642	Fixed rotor	4000	24*50ml	2970
No30613	Fixed rotor	5000	4*100ml	2630
No30614	Fixed rotor	5000	6*100ml	3130
No30643	Fixed rotor	4000	12*100ml	2970

12. NLDD6, NLDD6C

Model: NLDD6 large capacity centrifuge

Widely used in the field of biochemistry, biological products, pharmaceutical factory and laboratory.

Features:

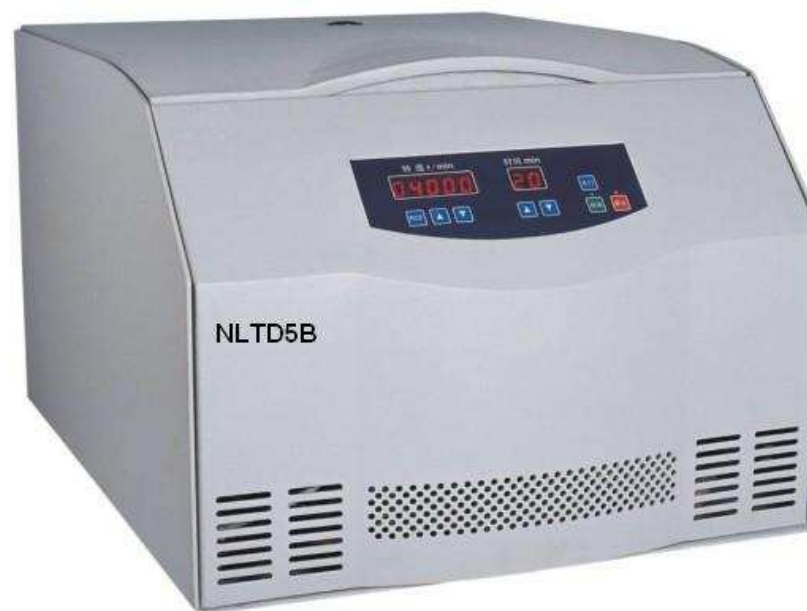
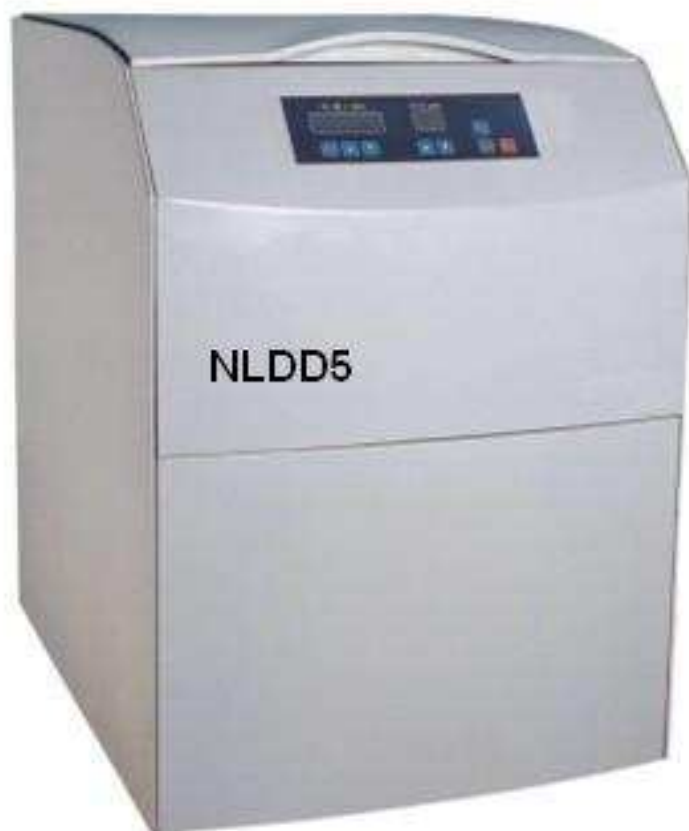
1. Model DD6 with the digital display which indicates the speed, time and temperature.
2. Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
3. There are 4 kinds of rotors for your choice.
4. Electric lid lock, over speed protection, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

NLDD6/NLDD6C Technical Parameters	
Max Speed	6000r/min
Max Volumn	4*1000ml
Timer	1~99h59min
Dimension	792*640*855
Speed Accuracy	±50r/min
Max RCF	6600*g
Noise	≤55dBA
Net Weight	95KG
Power Supply	AC 220V 50Hz 20A



NLDD6/NLDD6C Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF
No32897	Swing rotor	4000	4*1000ml	4060
	Matched for the 40201--40208 adaptor			
No30221	Fixed rotor	6000	4*300ml	5390
No30222	Fixed rotor	6000	6*300ml	5660
No30223	Fixed rotor	6000	6*500ml	6600
No31494	Bucket rotor	4000	4*4*96 well	4430

13. NLDD5, NLTD5B



Model: NLDD5 large capacity centrifuge

Widely used in the field of biochemistry, biological products, pharmaceutical factory and laboratory.

Features:

1. The digital display which indicates the speed, time and temperature.
2. Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
3. There are 8 kinds of rotors for your choice.
4. Electric lid lock, over speed protection, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

Model: NLTD5B table top large capacity centrifuge

Wide used in the field of biochemistry, biological products, pharmaceutical factory and laboratory.

Features:

1. The digital display which indicates the speed, time and temperature.
2. Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
3. There are 8 kinds of rotors for your choice.
4. Electric lid lock, over speed protection, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

NLDD5/NLTD5B Technical Parameters			
Max Speed	5000r/min	Max RCF	3860*g
Max Volumn	4*750ml	Noise	≤58dBA
Timer	0~99min	Net Weight(NLDD5)	108KG
Dimension(NLDD5)	655*500*790	Net Weight(NLTD5B)	67KG
Dimension(NLTD5B)	685*500*405	Power Supply	AC 220V 50Hz 10A
Speed Accuracy	±50r/min		



NLDD5/NLTD5B Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No31495	Swing rotor round cup	4000	2*750ml(500ml bottle)	3380
No31496	Swing rotor round cup	4000	4*750ml(500ml bottle)	3380
	Matched for the 40301--40308 adaptor			
	Swing rotor elliptic cup	4000	4*500ml	3380
No31392	Swing rotor round cup	4000	4*300ml(250ml bottle)	2920
	Matched for the 40401--40408 adaptor			
No31389	Swing rotor	4000	4*22*5ml(Vacuum tube) 4*31*5ml(Radiation and immunity tube)	2840
No31390	Swing rotor	4000	4*22*7ml(Vacuum tube)	3140
			4*31*7ml(Radiation and immunity tube)	
No31491	Bucket rotor	4000	2*4*96 well	2490
No31494	Bucket rotor	4000	4*4*96 well	2840
No31376	Bucket rotor	4000	2*3*48 well	2300
No31479	Swing rotor cubic cup	4000	4*500ml	3310

	Matched for the 40101--40108 adaptor			
No31493	Swing rotor	4000	Milk fat	3830
No30627	Fixed rotor	5000	30*15ml	3830
No30638	Fixed rotor	5000	6*15ml	2540
No30607	Fixed rotor	5000	12*15ml	3080
No30639	Fixed rotor	5000	24*15ml	3500
No30640	Fixed rotor	5000	4*50ml	2520
No30611	Fixed rotor	5000	6*50ml	2850
No30641	Fixed rotor	5000	12*50ml	3860
No30642	Fixed rotor	4000	24*50ml	2970
No30613	Fixed rotor	5000	4*100ml	2630
No30614	Fixed rotor	5000	6*100ml	3130
No30643	Fixed rotor	4000	12*100ml	2970

14. NLTG20C/NLTG20 table top high speed centrifuge

Widely used in the field of blood station, hospital and laboratory.

Features:

1. Model NLTG20C with the LCD display indicates the speed, time, temperature and RCF.
2. Model NLTG20 with the digital display indicates the speed, time, temperature and RCF.
3. Brushless DC motor in great torque, free maintenance, no powder pollution, speed up and down quickly.
4. Electric lid lock, over speed protection, over temperature protection and imbalance protection.
5. There are many kinds of rotors for your choice.
6. The centrifuge body is made of high quality steel, safe and reliable.



NLTG20C/NLTG20 Technical Parameters	
Max Speed	20000r/min
Max Volumn	6*100ml
Timer	0~99min
Dimension	513*370*320
Speed Accuracy	±50r/min
Max RCF	26660*g
Noise	≤65dBA
Net Weight	42KG
Power Supply	AC 220V 50Hz 10A

NLTG20C/NLTG20 Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No30801	Fixed rotor	20000	12*1.5/2ml	25430
No30802	Fixed rotor	15000	40*0.5ml	22920
No30803	Fixed rotor	17000	24*1.5/2ml	26460
No30404	Fixed rotor	13500	30*1.5/2ml	19340
No30805	Fixed rotor	16000	16*5ml	22020
No30806	Fixed rotor	16000	12*7ml	21380
No30407	Fixed rotor	10000	12*15ml	11840
No30808	Fixed rotor	15000	12*10ml	22680
No30809	Fixed rotor	15000	8*20ml	22680
No30810	Fixed rotor	14000	6*30ml	19060
No30811	Fixed rotor	12000	6*50ml	16050
No30812	Fixed rotor	12000	6*70ml	15570
No30813	Fixed rotor	12000	4*100ml	14850
No30814	Fixed rotor	10000	6*100ml	11380
No30815	Fixed rotor	16000	6*10ml	21500
No30816	Fixed rotor	18000	30*0.5ml	26660
No30844	Fixed rotor	13000	48*1.5/2ml	17930
No30980	Swing rotor	13000	4*5ml	14960
No30935	Vertical rotor	14000	16*5ml	12660
No30676	Bucket rotor	4000	2*3*48 well	2300

15. Model: NL800B



NL800B Technical Parameters

Max Speed	4000r/min	Max RCF	1800*g
Max Volume	6*15ml 8*10ml(fixed rotor)	Noise	≤55dBA
Timer	0~99min	Net Weight	5.1KG
Dimension	φ 295*250	Power Supply	AC 220V 50Hz 2A
Speed Accuracy	±50r/min		
Merits: Micro computer control, stepless speed regulating			

16. NLTG16C NLTG16 table top high speed centrifuge



Features:

1. Brushless DC motor, free maintenance, no powder pollution and quick in speed up and down.
2. NLTG16C with the LCD display indicates the time, speed and RCF.
3. NLTG16 with the digital display indicates the time, speed and RCF.
4. There are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice. The centrifuge body is made of high quality steel, safe and reliable.

NLTG16C/NLTG16 Technical Parameters	
Max Speed	16000r/min
Max Volume	6*100ml
Timer	0~99min
Dimension	513*370*320
Speed Accuracy	±50r/min

Max RCF	20600*g
Noise	≤65dBA
Net Weight	42KG
Power Supply	AC 220V 50Hz 10A

NLTG16C/NLTG16 Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volume ml	Max RCF
No30401	Fixed rotor	16000	12*1.5/2ml	16270
No30402	Fixed rotor	14000	40*0.5ml	19970
No30403	Fixed rotor	15000	24*1.5/2ml	20600
No30404	Fixed rotor	13500	30*1.5/2ml	19340
No30405	Fixed rotor	15000	16*5ml	19350
No30406	Fixed rotor	14000	12*7ml	16370
No30407	Fixed rotor	10000	12*15ml	11840
No30408	Fixed rotor	12000	12*10ml	14510
No30409	Fixed rotor	12000	8*20ml	14510
No30410	Fixed rotor	12000	6*30ml	14000
No30411	Fixed rotor	10000	6*50ml	11140
No30412	Fixed rotor	10000	6*70ml	10810
No30413	Fixed rotor	10000	4*100ml	10310
No30414	Fixed rotor	8000	6*100ml	7280
No30415	Fixed rotor	14000	6*10ml	16460
No30416	Fixed rotor	15000	30*0.5ml	18510
No30437	Fixed rotor	12000	24 pcs capillary	15800
No30444	Fixed rotor	11000	48*1.5/2ml	12840

No30980	Swing rotor	13000	4*5ml	14960
No30935	Vertical rotor	14000	16*5ml	12660
No30676	Bucket rotor	4000	2*3*48 well	2300

17. NLTGW16 table top high speed micro capacity centrifuge



Features:

Brushless DC motor, free maintenance, no power pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

NLTGW16 Technical Parameter				
Max Speed	16000r/min			
Max Volumn	10*5ml			
Timer	0~99min			
Dimension	355*270*205			
Speed Accuracy	±50r/min			
Max RCF	19040*g			
Noise	≤55dBA			
Net Weight	16KG			
Power Supply	AC220V 50Hz 2A			
NLTGW16 Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF
No31001	Fixed rotor	16000	40*0.2ml	19040
No31002		16000	24*0.5ml	18480
No31003		16000	12*1.5/2ml	16260
No31004		16000	10*5ml	17880
No31005		14000	20*1.5/2ml	15580

18. NLTGM12 table top high speed capillary vessel centrifuge

Features

Brushless DC motor, free maintenance, no powder pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

Table top high speed centrifuge family mainly used in the laboratory of biology, medicine, chemistry and physics, which is the ideal

instrument for separating the blood, plasma, urine in the hospital.



NLTGM12 Technical Parameters			
Max Speed	12000r/min	Max RCF	15800*g
Max Volume	24 pcs capillary vessel	Noise	≤55dBA
Timer	0~99min	Net Weight	23KG
Dimension	483*320*265	Power Supply	AC220V 50Hz 5A
Speed Accuracy	±50r/min		

19. NLTD5C and NLTD5A table top multiple pipe centrifuge



Widely used in the field of blood station, hospital and laboratory.

Features:

1. Model NLTD5C with the LCD display indicates the speed, time, temperature and RCF.
2. Model NLTD5A with the digital display indicates the speed, time, temperature and RCF.
3. Brushless DC motor in great torque, free maintenance, no powder pollution, speed up and down quickly.
4. Electric lid lock, over speed protection, over temperature protection and imbalance protection.
5. There are many kinds of rotors for your choice.

6. The centrifuge body is made of high quality steel, safe and reliable.

NLTD5A/NLTD5C Technical Parameters	
Max Speed	5000r/min
Max Volume	4*300ml(250ml bottle)
Timer	0~99min
Dimension	621*450*360
Speed Accuracy	±50r/min
Max RCF	4730*g
Power Supply	AC 220V 50Hz 10A
Noise	≤58dBA
Net Weight	52KG

NLTD5A/NLTD5C Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No31377	Swing rotor multi-pipe	5000	Matched for the following tube holder and tube shelf	
			4*50ml	4730
			4*100ml	4730
No31378	Swing rotor multi-pipe	4000	Matched for the following tube holder and tube shelf	
			4*2*100ml	3020
			4*2*50ml	3200
			4*4*15ml	3200
			4*6*15ml	3200
			4*8*15ml	3200
			4*12*7ml	2880

			4*8*10ml	2790
			4*6*10ml	2790
			4*4*10ml	2790
No31392	Swing rotor	4000	4*300ml(250ml bottle)	2920
	Matched for the 40401--40408 adaptor			
No31389	Swing rotor radiation and immunity		4*22*5ml(Vacuum tube)	2840
			4*31*5ml(Radiation and immunity tube)	
No31390	Swing rotor radiation and immunity	4000	4*22*7ml(Vacuum tube)	3140
			4*31*7ml(Radiation and immunity tube)	
No31491	Bucket rotor	4000	2*4*96 well	2490
No31376	Bucket rotor	4000	2*3*48 well	2300
No30627	Fixed rotor	5000	30*15ml	3830
No30638	Fixed rotor	5000	6*15ml	2540
No30607	Fixed rotor	5000	12*15ml	3080
No30639	Fixed rotor	5000	24*15ml	3500
No30640	Fixed rotor	5000	4*50ml	2520
No30611	Fixed rotor	5000	6*50ml	2850
No30641	Fixed rotor	5000	12*50ml	3860
No30642	Fixed rotor	4000	24*50ml	2970
No30613	Fixed rotor	5000	4*100ml	2630
No30614	Fixed rotor	5000	6*100ml	3130
No30643	Fixed rotor	4000	12*100ml	2970

20. NLTD5 table top multiple pipe centrifuge



Application: Widely used in the field of blood station, hospital and laboratory.

Features:

1. The digital display which indicates the speed, time and temperature.
2. Micro computer control, there are 10 kinds of program and 10 kinds of acceleration and deceleration for your choice.
3. There are 8 kinds of rotors for your choice.
4. Electric lid lock, over speed protection, over temperature protection and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

NLTD5 Technical Parameters

Max Speed	5000r/min
Max Volume	8*100ml
Timer	0~99min
Dimension	568*400*320
Speed Accuracy	±50r/min
Max RCF	4420*g
Power Supply	AC 220V 50Hz 5A
Noise	≤58dBA
Net Weight	35KG

NLTD5 Matched Rotors

NO	Rotors NO	Max Speed r/min	Volumn MI	Max RCF
No31277	Swing rotor multi-pipe	5000	Matched for the following tube holder and tube shelf	
			4*100ml	4420
			4*50ml	4420
No31278	Swing rotor multi-pipe	4000	Matched for the following tube holder and tube shelf	
			4*2*50ml	2950
			4*4*15ml	2950
			4*6*15ml	2950
			4*6*10ml	2580
			4*4*10ml	2580
No31376	Bucket rotor	4000	2*3*48 well	2300
No30638	Fixed rotor	5000	6*15ml	2540
No30607	Fixed rotor	5000	12*15ml	3080

No30639	Fixed rotor	5000	24*15ml	3500
No30640	Fixed rotor	5000	4*50ml	2520
No30611	Fixed rotor	5000	6*50ml	2850
No30613	Fixed rotor	5000	4*100ml	2630
No30614	Fixed rotor	5000	8*100ml	3130

21. Cytoprep-NL centrifuge



Features:

Brushless DC motor, free maintenance, no powder pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

Cytoprep-NL Technical Parameters:			
Max Speed	4000r/min	Max RCF	2170*g
Max Volume	6*30ml	Power Supply	AC 220V 50Hz 2A
Timer	0~99min	Noise	≤55dBA
Dimension	528*370*280	Net Weight	30KG
Speed Accuracy	±50r/min		

22. NLTD4N table top low speed urine sediment centrifuge



Features:

Brushless DC motor, free maintenance, no powder pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

NLTD4N Technical Parameters				
Max Speed	4000r/min	Speed Accuracy	±50r/min	
Max Volume	12*20ml	Max RCF	2610*g	
Timer	0~99min	Power Supply	AC 220V 50Hz 2A	
Dimension	528*370*280	Noise	≤55dBA	
Net Weight	28KG			
NLTD4N Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF
No32686	Swing rotor	4000	8*15ml	2610
No32685	Swing rotor	4000	6*15ml	2540
No31601	Fixed rotor	4000	12*10ml	2150
No31602	Fixed rotor	4000	12*15ml	2150
No31603	Fixed rotor	4000	12*20ml	2200
No31604	Fixed rotor	4000	24*15ml	2250

23. Model: NLTXK4 blood group serologic tests multipurpose centrifuge

Features

Brushless DC motor, free maintenance, no powder pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.



NLT XK4 blood group serologic tests multipurpose centrifuge

Max Speed	4000r/min	Max RCF	2240*g
Max Volume	24 cards	Power Supply	AC 220V 50Hz 5A
Timer	0~99min	Noise	≤55dBA
Dimension	483*320*265	Net Weight	24KG
Speed Accuracy	±50r/min		

24. Model: NLTD4A low speed centrifuge

Features:

Brushless DC motor, free maintenance, no powder pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.



NLTD4A Technical Parameters				
Max Speed	4000r/min	Max RCF	2250*g	
Max Volume	6*50ml	Power Supply	AC 220V 50Hz 2A	
Timer	0~99min	Noise	≤45dBA	
Dimension	483*320*265	Net Weight	23KG	
Speed Accuracy	±10r/min			
NLTD4A Matched Rotors				
NO	Rotors NO	Max Speed r/min	Volume MI	Max RCF

No31601	Fixed rotor	4000	12*10ml	2150
No31602		4000	12*15ml	2150
No31603		4000	12*20ml	2220
No31605		4000	30*7ml	2200
No31606		4000	6*50ml	2150
No31607		4000	24*10ml	2200

25. Model: NLTD4 blood group serologic tests multipurpose centrifuge



Features:

Brushless DC motor, free maintenance, no powder pollution, micro computer control, digital display indicates the time, speed and RCF. Electric lid lock, over speed and imbalance protection. The centrifuge body is made of high quality steel, safe and reliable.

NLTD4 Technical Parameters			
Max Speed	4000r/min	Max RCF	1000*g
Max Volume	12*7ml	Power Supply	AC 220V 50Hz 10A
Timer	0~99min	Noise	≤55dBA
Dimension	483*320*265	Net Weight	24KG
Speed Accuracy	±50r/min		
NLTD4 Matched Rotors			
Rotor Name	RCF	Use	
HLA rotor for lymphocyte washing	2000*g	Lymphocyte separation incubated cell separation	
	1000*g	Hematoblast exenterate(thrombin disposal)	
	1000*g	Lymphocyte washing	
SERO rotor for erythrocyte washing	500*g	Blood type determination, the image of the hematocyte	
	1000*g	The testing of intesectant aptness	
	1000*g	Hematocyte washing, the distillation of the serum and plasma	

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