



TDL5Y (TP 171) OIL TESTING CENTRIFUGE



TDL5Y (TP 171) is our stand alone oil testing centrifuge for conical ASTM D4007 oil testing tubes. It meets the requirements of GB/T6533-86 standard, and make use of centrifugal separation to determine the water content of your crude oil sample. The measurement of BS&W was complied with ISO 17025

It is an ideal separation equipment for water determination in oil exploitation industry and scientific research institutions.

Note :
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Machine pictures or color
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Product Advantages

- LCD display to show rotor no., speed, time, temperature, RCF, Acc/Dec rate and trouble information/error code.
- Circular heater for fast heating and temperature uniformity realizes the functions of temperature controlling and temperature holding, which meet the temperature requirement for oil industry and also scientific research institutions.
- Frequency-conversion motor with high torque is characterized by stable and fast Acc and Dec as well as long service life, maintenance free, low noise for stable operation.
- The tube is manufactured by special process, and it's widely used in Daqing Oilfield.
- Self-diagnosis system can automatically detect the faults of over-speed, over temperature and display the error code on the display screen to improve the safety performance.
- Simple operation : Microprocessor control and touch panel. Speed, RCF, temperature, time and Acc/Dec rates can be set freely. the parameters can be revised during a run for convenient use.
- Integrated Heating SYS & Long Tube Rotor ASSY With Guarantee Letter.

Technical Parameter

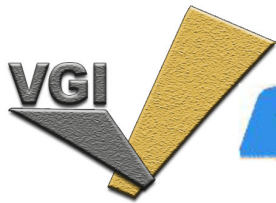
Max Speed	4000r/min
Max Capacity	4x100ml
Temperature Setting range	Room temperature + 10°C ~ 70°C (Up to 93°C)
Brake Data	Automatic Electronic
Power Supply	AC 220 ±2V 50Hz
Net Weight	93 Kg
Set Speed	200 to 1850 RPM
Speed Readout	0 to 1850 RPM
Noise	≤65dB(A)
Additional Items	W/ k61101 Centrifuge Tubes, Long, 100ML, 8IN
Speed Accuracy	20 r/min
Time Setting Range	0 to 99:99:99 (HH:MM:SS)
Dimension (WxDxH)	87x60x61 cm
Max RCF	Up to 3830xg



Rotor Type : Swing Rotor
Max Speed : 4000r/min
Max RCF : 3150xg
Max Capacity : 36x10ml



Rotor Type : Swing Rotor
Max Speed : 1700rpm (up to 2000 r/m)
Max RCF : 691xg (up to 957xg)
Max capacity : 4x100ml
According to Customer Requirement



TD5B Oil Test Centrifuge



Features

1. Programmable microprocessor control system, big LCD indicates rotor No., speed time, temperature, RCF, rate of speed as well as fault information.
2. Adopts band heater, fast heating speed, temperature uniform, with the function of temperature-control and constant.
3. Centrifugal tube made in special skill, anti-broken during work.
4. Great torque brushless motor, maintenance-free, no powder, fast acceleration and deceleration, low noise which improve the stability a lot.
5. Electric lid lock, over-speed and over-temperature protection.
6. 3 phase to keep the best performance.
7. Stainless steel chamber, safe and reliable.

TD5B Oil Test Centrifuge Technical Parameters

Max Speed	: 2000r/min
Timer	: 1~99min59s
Speed Accuracy	: 20r/min
Noise	: ≤60DbA
Power Supply	: 110V/220V,50/60HZ
Certifications	: CE, ISO
Max Volume	: 4×100ml
Dimension(L×W×Hmm)	: 685×500×405mm
Max RCF	: 957*g
Net Weight	: 67Kg
Temperature Range	: Room temperature:+10~80°C
Warranty	: 1 Year

Note :

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TD4-1 Benchtop Blood Centrifuge

The centrifuge is controlled by microprocessor, digital display, brushless motor direct drive & timer programmable. Time can be set in the unit of second whit in 3 minutes and can be displayed, automatic balance, low noise, simple handing, low vibration, no carbon dust, fast change of speed.



Tecnical Data

Model	TD4-I
Max. Speed	4000r/min
Max. RCF	1800 × g
RBC Whing Rotor	12 × 7ml 4000 rpm RCF1800 × g
WBC Whing Rotor	12 × 2ml 4000 rpm RCF1800 × g 12 × 1.5ml 4000 rpm RCF1800 × g 12 × 0.5ml 4000 rpm RCF1800 × g
Timer	programmable
Motor	Brushless Motor
Power	AC 220V 50/60Hz 3A
weight	22Kg
Dimension	430 × 346 × 260mm (L × W × H)

TD4-1 BLOOD CENTRIFUGE PROGRAMMABLE OPERATION & ITS APLICATION

ROTOR TYPE	PROGRAM NO.	SPEED (rpm)	TIME (s)	RCF (×g)	APPLICATION: (it is used for ---)
Lymphocyte cleaning rotor	1	4500	180	2000	lymphocyte separation ; cultured cells separation
	2	3200	3	1000	platelet removal ; thrombin treatment
	3	3200	60	1000	lymphocyte cleaning
Red blood cell cleaning rotor	1	2100	60	500	blood group test/determination ; the observation of hemagglutination reaction
	2	3000	15	1000	cross--matching test ; anti--serum globulin test
	3	3000	60	1000	red blood cell washing ; plasma extraction

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Tubes

Tube Order No.	Capacity	Tube Size	Material
P0001	0.2/0.5ml	Φ5x31mm conical	Plastic
P0002	1.5ml	Φ8x42mm conical	Plastic
P0003	2/2.2ml	Φ8x42mm conical	Plastic
P0004	5ml	Φ13x53mm round	Plastic
P0005	2ml	vacutainer Φ13x75mm round	Plastic
P0006	7ml	Φ13x100mm round	Plastic
P0007	5ml	vacutainer Φ13x100mm round	Plastic
P0008	10ml	Φ17x110mm round	Plastic
P0009	10ml	Φ15x110mm Cap:Φ21x10mm round	Plastic
P0010	10ml	Φ16x83mm round	Plastic
P0011	15ml	Φ15x115mm Cap:Φ21x10mm round	Plastic
P0012	20ml	Φ17x115mm round	Plastic
P0013	30ml	Φ25x94mm Cap:Φ26x10mm round	Plastic
P0014	50ml	Φ30x158mm conical (oil)	Plastic
P0015	50ml	Φ29.2x112mm RPR flat	PC/PP
P0016	50ml	Φ27x105mm round	Plastic
P0017	50ml	Φ29x106mm Cap:Φ33x13mm round	Plastic
P0018	50ml	Φ29x106mm round	Plastic
P0019	100ml	Φ37x194mm conical (oil)	glass
P0020	100ml	Φ37x124mm round	Plastic
P0021	100ml	Φ38x106mm round	Plastic
P0022	250ml	Φ63x110mm flat	PP
P0023	300ml	Φ61x157mm round	PP
P0024	300ml	Φ61x138mm flat	PP
P0025	300ml	Φ64x152mm conical (oil)	PP
P0026	300ml	Φ61x140mm flat	PP
P0027	500ml	Φ74x167mm flat	PP
P0028	500ml	Φ74x163mm flat	stainless steel
P0029	500ml	Φ79x138mm flat	PP
P0030	1000ml	Φ96x178mm cap:Φ95 flat	PP
P0031	1000ml	Φ98x170mm flat	PP
P0032	2400ml	Φ53x240mm small cap Φ68mm flat	PP
P0033	2400ml	Φ67x191mm big cap:Φ81mm flat	PP
P0034	capillary tube	Length:75mm needle pipe	
P0035	70ml		
P0036	400ml		
P0037	750ml	Φ80x140mm	

TD4-2/TDZ4-WS Benchtop Decap Speed Balance Centrifuge

Microprocessor control, LED/LCD display, brushless motor, automatic balance, low noise and low temperature-increase in chamber. It is suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories.

Features

- ◆ With microprocessor control and interactive TFT display. (TD4-2)
- ◆ Metal external case. (TDZ4-WS)
- ◆ Maintenance free induction drive motor.
- ◆ Rubber suspended motor which reduces the vibrations.
- ◆ Low speed centrifuge with 24x10ml angle rotor.
- ◆ Extremely quiet operation.
- ◆ Door lid motorized.

Technical Data

Model No.	TD4-2	TDZ4-WS
Order No.	TD4-2	TDZ4WS
Max.speed	4000rpm	4000rpm
Max RCF	2690×g	2600×g
Motor	Brushless motor	Brushless motor
Control	microprocessor control	microprocessor control
Time range	0~99min	0~99min
Noise	<55db	<55db
Power	AC220V, 50/60Hz, 5A	AC220V, 50/60Hz, 5A
Weight	22kg	22kg
Dimension	480×400×300mm(L×H×W)	430×346×260mm(L×H×W)



TD4-2



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TDZ4-WS



Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	011210/04	12×10ml	4000rpm	2095×g	Aluminium	P0008 P0010			
	011810/04	18×10ml	4000rpm	2240×g	Aluminium	P0008 P0010			
	012410/04	24×10ml	4000rpm	3670×g	Aluminium	P0008 P0010			
	011220/04	12×20ml	4000rpm	2220×g	Aluminium	P0012			
Swing bucket rotor	021010/04	10×10ml	4000rpm	2500×g	Stainless steel	P0008 P0009 P0010			
	021210/04	12×10ml	4000rpm	2600×g	Stainless steel	P0008 P0009 P0010			
	02815/04	8×15ml	4000rpm	2690×g	Stainless steel	P0011			
	02450/04	4×50ml	4000rpm	2420×g	Stainless steel	P0016 P0017 P0018	A00005001	1.5ml/2.2ml×2×4	P0002 P0003

TD4 Benchtop Low Speed Automatic Balance Centrifuge

It is by microprocessor, equipped with DC brushless motor and digital display. It is an idea instrument for the clinics and labs to make qualitative analysis to serum and plasma.

Features

- ◆ABS external case.
- ◆Maintenance free induction drive motor.
- ◆Rubber suspensions reduce the vibrations.
- ◆Low speed centrifuge.
- ◆Extremely quiet operation.

Control Panel

Start switch.
Push button Start/Stop.
Digital display indicating time and speed.
Time selector push button.
Speed selector push button.
Push "+" button increase different parameters.
Push "-" button decrease different parameters.



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Technical Data

Model	TD4
Order No.	TD4
Max. Speed	4000rpm
Max. RCF	2100×g
Timer	0—99min
Motor	Brushless Motor
Power	AC 220V, 50/60Hz, 5A
Display	Digital
Speed Increments [rpm]	10
Weight	7 kg
Dimension	305×265×210mm (L×W×H)



Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Tube Size
Angle rotor	01810/04	8×10ml	4000rpm	2100×g	plastic	P0011	Φ 17x115mm
	01615/04	6×15ml	4000rpm	2100×g	plastic	P0011	

TD-6B Benchtop Low-Speed Centrifuge

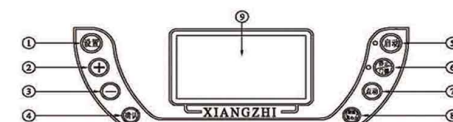
TD-6B is suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories.

Features

- ◆ Microprocessor control, AC inverter motor, high precision, low noise.
- ◆ Large-screen LCD displays speed, centrifugal force, run time and fault.
- ◆ Acceleration / deceleration time is short (30S), with 1 to 10 profiles of acceleration / deceleration to meet the best effect.
- ◆ Various protection means such as built-in electronic door lock, over speed protection, automatic change of speed and RCF value, simple operation.
- ◆ Suitable for centrifugation in hospitals, biochemistry, radiology lab, blood center, biological products.

Technical Data

Model No.	TD-6B
Order No.	TD6B
Max.speed	6000r/min
Max.rcf	5080×g
Timer range	0~99min
Speed accuracy	±20rpm
Noise	<55db
Display	LCD
Acceleration/ Deceleration rates	1~10
Weight	45kg
Dimension	440×550×330mm(L×H×W)



Control panel:

- | | | |
|-------------|----------|-----------------------|
| 1. Set | 4. Enter | 7. Lock |
| 2. Increase | 5. Start | 8. RPM/RCF conversion |
| 3. Reduce | 6. Stop | 9. LCD screen |

Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter	
							Order No.	Tube order No.
Angle rotor	011215/08	12×15ml	6000rpm	5080×g	Aluminium	P0011		
	012410/04	24×10ml	4000rpm	3670×g		P0008 P0009 P0010		
	02965/04	96×5ml	4000rpm	3405×g		P0007		
	02962/04	96×2ml	4000rpm	3405×g		P0005		
	0241210/04	4×12×10ml	4000rpm	3100×g		P0008 P0009 P0010		
	022415/04	24×15ml	4000rpm	3000×g		P0011		
	0241215/04	4×12×15ml	4000rpm	3100×g		P0011		
						A00005001	1.5ml/2.2ml×2×4	P0002 P0003
						A00005002	1.5ml/2.2ml×2×6	P0002 P0003
						A00005003	1.5ml/2.2ml×2×8	P0002 P0003
Swing bucket rotor	024250/04	4×2×50ml	4000rpm	3040×g	Aluminium	P0016		
						P0017		
						P0018		
						A00005004	10ml×1×6	P0008 P0010
						A00005005	10ml×1×4	P0008 P0010
						A00005006	10ml×1×8	P0008 P0010
						A00005007	20ml×1×4	P0012
						A00005008	20ml×1×8	P0012
						A00005009	20ml×1×6	P0012
						A00010001	1.5ml/2.2ml×3×4	P0002 P0003
	0242100/04	4×2×100ml	4000rpm	2950×g	Stainless steel	P0021		
						A00010002	1.5ml/2.2ml×3×8	P0002 P0003
						A00010003	10ml×1×4	P0008 P0009 P0010
						A00010004	10ml×1×8	P0008 P0009 P0010
						A00010005	50ml×1×4×2	P0016 P0017 P0018
						A02010001	5ml/7ml×3×4	P0004 P0005 P0007
						A02010002	5ml/7ml×3×8	P0004 P0005 P0007
						A00050001	12×1.5/2.2ml×6	P0002 P0003
						A00050002	1.5ml/2.2ml×17×4	P0002 P0003
						A00050003	1.5ml/2.2ml×17×6	P0002 P0003
	024500/04	4×500ml	4000rpm	3520×g	Stainless steel	P0029		
						A00050004	10ml×8×4	P0008 P0009 P0010
						A00050005	10ml×8×8	P0008 P0009 P0010
						A00050006	3×30ml×6	P0013
						A00050007	2×50ml×6	P0016 P0017 P0018
						A00050008	1×250ml×6	P0022
						A02050001	5×15ml×6	P0011
						A02050002	5ml/7ml×16×4	P0004 P0005 P0007
						A02050003	5ml/7ml×16×6	P0004 P0005 P0007
	022496/04	2×4×96microplate	4000rpm	2390×g				

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TG12 Benchtop High Speed Centrifuge

TG12 centrifuge is useful for routine applications in bio-technology, PCR, life sciences, bio-chemical and clinical labs etc. This unit is suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories. With a wide choice of rotors and adaptors, this unit is truly versatile.



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Features

- ◆ Metal external case.
- ◆ Maintenance free induction drive motor.
- ◆ Rubber suspended motor which reduces the vibrations.
- ◆ High speed centrifuge that minimizes the samples.
- ◆ Extremely quiet operation.
- ◆ Door lid motorized.



Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.
Capillary rotor	022475 / 12	24 Capillaries	12000rpm	14800×g	Aluminium alloy	
Angle rotor	011205 / 16	12×0.5ml	16000rpm	17800×g		P0001
	014805 / 12	48×0.5ml	12000rpm	13910×g		P0001
	0112015 / 16	12×1.5ml	16000rpm	17800×g		P0002
	0124015 / 13	24×1.5ml	13000rpm	15710×g		P0002
	0112022 / 16	12×2.2ml	16000rpm	17800×g		P0003
	0124022 / 13	24×2.2ml	13000rpm	15710×g		P0003
	01105 / 16	10×5ml	16000rpm	17800×g		P0004
	011210 / 12	12×10ml	12000rpm	12740×g		P0008 P0010

Technical Data

Model	TG12
Order No.	TG12
Max.speed	16000rpm
Max.rcf	17800×g
motor	Brushless motor
Timer range	0~99min
Power supply	AC220V, 50/60Hz, 10A
Display	Digital display
Speed increments [rpm]	50
Weight	26kg
Dimension	330×390×320ml(L×W×H)

TGL-16MB & TGL-16M

Benchtop High Speed Refrigerated Centrifuge

TGL16MB/TGL16M are microprocessor controlled centrifuges used in auxiliary laboratories in industry, colleges & research institutions, bio-technology, medical laboratories, hospitals, pharmaceutical laboratories and agriculture soil testing for determination of moisture equivalent of soil. It is also suitable for determination of settlement of paints, pastes, cosmetic and food products.

Performance

- High Speed : 16,000 rpm.
- Wide variety of rotors & reduction adaptors.
- Soecial rotor connector.
- Precise temperature control up to -20°C.
- Pre-cooling feature.
- Brushless induction motor with frequency driver ensures gentle start.
- Microprocessor with LCD display, self-diagnosis of errors(TGL16MB)
- Parameters setting through easy to use control panel keys.
- Inverter fault detection with auto shutdown.
- CFC free refrigeration system.

Use friendly

- 30 program memory.
- 1-10 profiles of accelerations/deceleration.
- Choise of rpm/rcf setting & display.
- Operationg panel with feater touch keys.
- Digital countdown timer 0-90 minutes.
- Last set parameters recall (Useful for repetitive analysis).
- Automatic door opening.

Safety

- Coded-rotor identification.
- Safety lid interlock to prevent lid opening during centrifugation
- imbalance detection & centrifugation stop with display of error.
- Motor overload protection.
- Gas spring to prevent falling of door.
- Emergency lid lock release.



TGL-16MB



TGL-16M

Technical Data

Model	TGL16MB	TGL16M
Order No.	TGL16MBF	TGL16MF
Type	LCD screen / plastic and metal frame	Digital display / metal frame
Max.speed	16000rpm	16000rpm
Max.rcf	17800×g	17800×g
Motor	inverter motor	brushless motor
Compressor	imported compressor	imported compressor
Temp range	-20°C~+40°C	-20°C~+40°C
Time accuracy	±2°C	±2°C
Time range	0~99min	0~99min
Noise	<55db	<55db
Display	LCD	Digital display
Acceleration/ Deceleration rates	1~ 10	
Power	AC220V, 50/60Hz, 20A	AC220V, 50/60Hz, 20A
Weight	70kg	75kg
Dimension	620×500×350mm(L×W×H)	620×470×320mm(L×W×H)

Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	0112005/16	12×0.5ml	16000rpm	17800×g	Aluminium alloy	P0001			
	0148005/13	48×0.5ml	13000rpm	13910×g		P0001			
	0112015/16	12×1.5ml	16000rpm	17800×g		P0002			
	0124015/13	24×1.5ml	13000rpm	15710×g		P0002			
	0112022/16	12×2.2ml	16000rpm	17800×g		P0003			
	0124022/13	24×2.2ml	13000rpm	15710×g		P0003			
	01105/14	10×5ml	14000rpm	13200×g		P0004			
	011210/13	12×10ml	13000rpm	12740×g		P0008 P0010			
	01450/12	4×50ml	12000rpm	13900×g		P0016 P0018	A00005001	1.5ml/2.2ml×2×4	P0002 P0003
	01630/12	6×30ml	12000rpm	13900×g		P0013	A00005005	10ml×1×4	P0008 P0010
Swing bucket rotor	01650/12	6×50ml	12000rpm	13280×g	Stainless steel		A00005007	20ml×1×4	P0012
	014100/10	4×100ml	10000rpm	10975×g			A00005002	1.5ml/2.2ml×2×6	P0002 P0003
	02410/06	4×10ml	6000rpm	4495×g			A00005004	10ml×1×6	P0008 P0010
	022248/04	2×2×48microplate	4000rpm	1505×g			A00005009	20ml×1×6	P0012
							A00010001	1.5ml/2.2ml×3×4	P0002 P0003
							A00010003	10ml×1×4	P0008 P0010
							A00010005	50ml×1×4	P0016 P0017 P0018
						P0009			

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TS-12 Benchtop ID Blood Centrifuge

Features

- Frame is steel jacket, and with the stainless steel chamber, inside protective steel lagging which is simple-compact, light-weight and low noise.
- Adopt advanced control system realizing microprocessor control, it can control rotate speed, relative RCF, LED display which indicates the current speed, time and RCF.
- Brushless motor, no carbon dust pollution, unnecessary to maintain, speed range 0-2200 rpm, Accuracy ± 20 r/min.
- With many kinds of rotors and rotor identification system.
- Electric lock and gas spring and automatic locked cover can assure the security, the lid can not open in order to protect the operator in operation.
- Over speed and imbalance protection, the centrifuge will stop automatically when the above situation.



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Technical Data

Max Capacity(ml)	12 cards
RCF range (xg)	0-675xg adjustable
Noise	<55db
Time range	1-99minutes adjustable
Speed accuracy	± 20 r/min
Display	Digital
Dimension(mm)	490×400×300mm
Net weight(without rotor)	19kg
Power supply	AC220-240V, 50/60HZ, 5A

XZ-5MT/TDL5M Benchtop Low Speed Large Capacity Refrigerated Centrifuge

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.



Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	011215/055	12x15ml	5500rpm	5470xg	Aluminium alloy	P0011			
	02765/04	76x5ml	4000rpm	3350xg		P0005			
	02805/04	80x5ml	4000rpm	3365xg		P0005			
	02965/045	96x5ml	4500rpm	3300xg		P0005			
	02485/04	48x5ml	4000rpm	2950xg		P0007			
	02725/04	72x5ml	4000rpm	2950xg		P0007			
	02967/04	96x7ml	4000rpm	3000xg		P0007			
	021610/05	16x10ml	5000rpm	3800xg		P0008 P0010			
	023215/04	32x15ml	4000rpm	3000xg		P0011			
	02450/055	4x50ml	5500rpm	4745xg		P0016	A00005001	1.5ml/2.2mlx2x4	P0002 P0003
						P0017	A00005005	10mlx1x4	P0008 P0009 P0010
						P0018	A00005007	20mlx1x4	P0012
							A02005001	5ml/7mlx1x4	P0004 P0005 P0007
							A00005003	1.5ml/2.2mlx2x8	P0002 P0003
							A00005006	10mlx1x8	P0008 P0009 P0010
							A00005008	20mlx1x8	P0012
Swing bucket rotor	02850/04	8x50ml	4000rpm	3040xg	Stainless steel	P0016	A02005002	5ml/7mlx1x8	P0004 P0005 P0007
						P0017	A00010001	1.5ml/2.2mlx3x4	P0002 P0003
						P0018	A00010003	10mlx1x4	P0008 P0009 P0010
							A00010005	50mlx1x4	P0016 P0017 P0018
							A02010001	5ml/7mlx3x4	P0004 P0005 P0007
							A00010002	1.5ml/2.2mlx3x8	P0002 P0003
							A00010004	10mlx1x8	P0008 P0009 P0010
							A00010005	50mlx1x8	P0016 P0017 P0018
							A02010002	5ml/7mlx3x8	P0004 P0005 P0007
							A00025001	1.5ml/2.2mlx10x4	P0002 P0003
							A00025003	10mlx5x4	P0008 P0009 P0010
							A00025005	50mlx2x4	P0016 P0017 P0018
							A02025001	5ml/7mlx9x4	P0004 P0005 P0007
	024250/04	4x250ml	4000rpm	3600xg		P0022			
	026300/04	6x300ml	4000rpm	3730xg		P0023			
	022400/035	2x400ml(oval cup)	3500rpm	3150xg		P0036			
	024500/04	4x500ml	4000rpm	3780xg	Aluminium alloy	P0029	A00050002	1.5ml/2.2mlx17x4	P0002 P0003
							A00050004	10mlx8x4	P0008 P0009 P0010
	022496/04	2x4x96 microplate	4000rpm	2390xg					
					Stainless steel				

Features

- ◆ Brushless induction motor with frequency drive.
- ◆ Stable speed output even under unstable voltage conditions.
- ◆ Max.capacity: 6x300ml, more choice of rotors.
- ◆ Digital countdown timer.
- ◆ Safety lid interlock to prevent lid opening during centrifugation.
- ◆ Dynamic brake for quick deceleration.
- ◆ Imbalance & inverter fault detection with auto shutdown.
- ◆ Alphanumeric LCD display of speed & RCF (XZ5MT).
- ◆ Selection of 1--10 acceleration & deceleration profiles (XZ5MT).
- ◆ Recall of last set parameters. (Useful for repetitive analysis).
- ◆ Automatic door opening through gas spring.

Technical Data

Model	XZ-5MT	TDL5M
Order No.	TXZ5MTFL	TDL5MFL
Max.speed	5500rpm	5500rpm
Max.capacity	6x300ml	6x300ml
Display	TFT screen / plastic and metal frame	Digital display / metal frame
Max.rcf	5470xg	5470xg
Temp.range	-20℃~+40℃	-20℃~+40℃
Timer range	0~99min	0~99min
Temp accuracy	±1℃	±1℃
Motor	Converter motor	Brushless motor
Noise	<55db	<55db
Acceleration deceleration	1-10	1-10
Power supply	AC220V, 50/60Hz, 15A	AC220V, 50/60Hz, 15A
Weight	110kg	125kg
Dimension	830x630x370mm(LxWxH)	830x630x370mm (LxWxH)

Note :
Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



TDL5M



XZ-5MT

XZ-6/XZ-6G Benchtop Decap Low-Speed Automatic Balance Centrifuge

It is suitable for routine sample analysis in medical, hospital, pathology and Institutional laboratories. With a wide choice of rotors and adaptors, this centrifuge is truly versatile.

Features

- ◆ Microprocessor control.
- ◆ Brushless motor.
- ◆ Automatic balance.
- ◆ Low noise and low temperature-increase in chamber.
- ◆ Metal external case.
- ◆ Maintenance free induction drive motor.
- ◆ Rubber suspensions reduce the vibrations.
- ◆ Low speed centrifuge with wide choice of rotors.
- ◆ Extremely quiet operation.
- ◆ Door lid motorized.
- ◆ Automatic door opening through gas spring.



Technical Data

Model No.	XZ-6	XZ-6G
Order No.	TXZ6	TXZ6G
Max.speed	6000r/min	6000r/min
Max rcf	5080×g	5080×g
Motor	Brushless motor	Brushless motor
Time range	0~99min	0~99min
Noise	<65db	<55db
Display	Digital	LCD
Speed Increments [rpm]		1- 10
Power	AC220V, 50/60Hz, 5A	AC220V, 50/60Hz, 5A
Weight	22kg	20kg
Dimension	346×260×430mm(L×W×H)	450×365×280mm(L×W×H)



Note :
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Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	011210/04	12×10ml	4000rpm	2095×g	Aluminium	P0008 P0010			
	011810/04	18×10ml	4000rpm	2240×g		P0008 P0010			
	011220/04	12×20ml	4000rpm	2200×g		P0012			
	011215/06	12×15ml	6000rpm	5080×g		P0011			
	01650/05	6×50ml	5000rpm	4745×g		P0016 P0017 P0018			
	01450/05	4×50ml	5000rpm	4745×g		P0016 P0017 P0018			
Swing bucket rotor	021010/04	10×10ml	4000rpm	2500×g	Stainless steel	P0008 P0009 P0010			
	021210/04	12×10ml	4000rpm	2600×g		P0008 P0009 P0010			
	02815/04	8×15ml	4000rpm	2690×g		P0011			
	021610/04	16×10ml	4000rpm	2600×g					
	02450/04	4×50ml	4000rpm	2420×g		P0016 P0017 P0018	A00005001	1.5ml/2.2ml×2×4	P0002 P0003
							A00005005	10ml×1×4	P0008 P0009 P0010
							A00005007	20ml×1×4	P0012
							A02005001	5ml/7ml×1×4	P0004 P0005 P0007

XZ-P5/P6 Benchtop Decap Low-Speed Centrifuge

XZ-P5/P6 are suitable for routine sample analysis in medical, hospital, pathology and institutional laboratories.

Features

- ◆ Microprocessor control, AC inverter motor, high precision, low noise.
- ◆ Large-screen LCD displays speed, RCF, run time and fault.
- ◆ Double unique design for adapter to avoid cap-dropping in the running status, vacutainer automatically taken off to improve work efficiency.
- ◆ Acceleration / deceleration time is short (30S), with 1 to 10 profiles of acceleration / deceleration to meet the best effect.
- ◆ Various protection means such as built-in electronic door lock, over speed protection, automatically change of speed and RCF value, simple operation.
- ◆ Suitable for centrifugation in hospitals, biochemistry, radiology lab, blood center, biological products.

Technical Data

Model No.	XZ-P5	XZ-P6
Order No.	TXZP5	TXZP6
Max.speed	3500r/min	3200r/min
Timer range	0~99min	0~99min
Speed accuracy	±20rpm	±20rpm
Noise	<55db	<55db
Display	LCD	LCD
Acceleration/ Deceleration rates	1- 10	1- 10
Weight	30kg	45kg
Dimension	440×550×330mm(L×H×W)	440×550×330mm(L×H×W)



XZ-P5



XZ-P5

Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.
P5 Swing bucket rotor	02482/035	48×2ml	3500rpm	2285×g	Aluminium alloy	P0005
	02485/035	48×5ml	3500rpm	2010×g		P0007
P6 Swing bucket rotor	02802/032	80×2ml	3200rpm	2315×g		P0005
	02805/032	80×5ml	3200rpm	2090×g		P0007

Note :

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XZ-P6



XZ-P6

DD5M Low Speed Centrifuge

The centrifuge can process a volume of up to 3 liters, offering a complete solution in separation of sample which are to be centrifuged for blood bank centre, research labs, clinic, bio-technology, industry and hospitals.

Features

- With large selection of rotors and adapters.
- Induction motor maintenance free.
- Controlled by microprocessor, which allows the operator to control the configuration parameters easily.
- Minimum acceleration time.
- Noise level lower than 65db.
- The screen shows max.rpm, max.rcf, avoiding exceeding the maximum speed and providing the user with an easy-to-handle machine and an ally in the daily tasks.
- Lid open programmable, motorized.
- Rpm/rcf adjustable along with the run.
- Centrifugation chamber in stainless steel, guard ring around chamber.
- Lid dropping protection.
- Imbalance cut off.
- Door openable in emergency(very useful in unexpected power interruption).
- It cannot run with the lid open, neither open the lid when rotor runs.

Technical Data	
Model	DD5M
Order No.	LDD5M
Max. Speed	5000rpm
Max. Rcf	4620 x g
Max. Capacity	6 x 500ml
Speed Accuracy	±50 rpm
Timer Range	0~99min
Motor	Converter Motor
Noise	<65db
Display	LED/LCD
Speed Increments (rpm)	50
Power Supply	AC 220V/ 50/60Hz 15A
Weight	150 Kg
Dimension	630 x 730 x 1060mm (LxWxH)



Rotor

	Order No.	Description	Max. Speed	Max. Rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube Order No.
Angle Rotor	011210/05	12 x 10 ml	5000 rpm	3528 x g	Aluminium	P0008 P0010			
	011215/05	12 x 15 ml	5000 rpm	3528 x g		P0011			
	02485/04	48 x 5 ml	4000 rpm	2980 x g		P0007			
	02805/04	80 x 5 ml	4000 rpm	3620 x g		P0007			
	02120-5/04	120 x 5 ml	4000 rpm	3585 x g		P0007			
	021485/04	148 x 5 ml	4000 rpm	3710 x g		P0007			
	02482/04	48 x 2 ml	4000 rpm	2980 x g		P0005			
	02802/04	80 x 2 ml	4000 rpm	3620 x g		P0005			
	021202/04	120 x 2 ml	4000 rpm	3585 x g		P0005			
	021482/04	148 x 2 ml	4000 rpm	3710 x g		P0005			
	023215/04	32 x 15 ml	4000 rpm	3000 x g		P0011			
Swing Bucket Rotor	02850/04	8 x 50 ml	4000 rpm	3040 x g	Stainless Steel	P0016 P0017 P0018	A00005003 1.5ml/2.2mix2x8	P0002 P0003	
	021650/04	16 x 50 ml	4000 rpm	3520 x g		P0016 P0017 P0018	A00005006 10mix1x8	P0008 P0009 P0010	
							A00005008 20mix1x8	P0012	
							A02005002 5ml/7mix1x8	P0004 P0005 P0007	
							A0005001 1.5ml/2.2mix2x4	P0002 P0003	
							A0005005 10mix1x4	P0008 P0009 P0010	
	024100/05	4x100 ml	5000 rpm	4620 x g		P0016 P0017 P0018	A0005007 20mix1x4	P0012	
							A02005001 5ml/7mix1x4	P0004 P0005 P0007	
							A00010001 1.5ml/2.2mix3x4	P0002 P0003	
							A00010003 10mix1x4	P0008 P0009 P0010	
							A00010005 50mix1x4	P0012	
	24250	4 x 250 ml	4000 rpm	2990 x g	P0021	A02010001 5ml/7mix3x4	P0004 P0005 P0007		
						A00025001 1.5ml/2.2mix17x4	P0002 P0003		
						A00025003 10mix8x4	P0008 P0009 P0010		
						A00025005 50mix2x4	P0016 P0017 P0018		
						A00050002 5ml/7ml/9x4	P0004 P0005 P0007		
	024500/04	4 x 500 ml	4000 rpm	3520 x g	Aluminium	P0022	A00050002 1.5ml/2.2mix17x4	P0002 P0003	
							A00050004 10mix8x4	P0008 P0009 P0010	
							A00050001 12x1.5/2.2mix6	P0002 P0003	
							A00050003 1.5ml/2.2mix17x6	P0002 P0003	
							A00050005 10mix8x6	P0008 P0009 P0010	
A00050006 3x30mix6							P0013		
A00050007 2x50mix6							P0016 P0017 P0018		
A00050008 1x250mix6							P0022		
A02050001 5x15mix6							P0011		
A01050003 5ml/7mix16x6							P0004 P0005 P0007		
022296/04	2x2x96 microplate	4000 rpm	2390 x g	Stainless Steel	022296/04				

Note :

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Low speed refrigerated contrifuge

Model: DL-5M

the centrifuge can process a volume of up to 3 liters, offering a complete solution in separation of samples which are to be centrifuge for blood bank centre, research labs, clinics, bio-technology, industry and hospitals.



Note :
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► Technical Data

Model	DL-5M
Order No.	LDL5MF
Max. Speed	5000rpm
Max. Rcf	4620 x g
Max. Capacity	6 x 500 ml
Temp Range	-20°C~ + 40°C
Speed Accuracy	±50 rpm
Temp. Accuracy	±1°C
Timer Range	0-99 min
Temp. Range	-20°C~ + 40°C
Motor	Converter Motor
Compressor	France Compressor
Noise	<65db
Display	LED/LCD
Acceleration/ Decelaration Rates	1-12
Power Supply	AC220V, 50/60Hz, 20A
Weight	180 Kg
Dimension	630 x 730 x 1060 mm (LxWxH)
Height with open lid (mm)	1380

Features

- ◆ With large selection of rotors and adapters.
- ◆ Induction motor maintenance free.
- ◆ Controlled by microprocessor, which allows the operator to control the configuration parameters easily.
- ◆ Minimum acceleration time.
- ◆ Noise level lower than 65db.
- ◆ Rotor recognition.
- ◆ The screen shows max.rpm, max.rcf, avoiding exceeding the maximum speed and providing the user with an easy-to-handle machine and an ally in the daily tasks.
- ◆ Lid open programmable, motorized.
- ◆ Rpm/rcf adjustable along with the run.
- ◆ Stainless steel chamber with additional inner guard ring.
- ◆ Lid dropping protection.
- ◆ Imbalance cut off.
- ◆ Door openable in emergency(very useful in unexpected power interruption).
- ◆ It cannot run with the lid open, neither open the lid when rotor runs.
- ◆ Temperature probe inside the chamber of centrifugation, refrigerant R134a(libre cfc).

DL-6MB Low Speed Large Capacity Refrigerated Centrifuge

Compact refrigerated floor standing centrifuge is specially designed for universal use in blood banks, clinical laboratories, serology investigations, molecular biology, serum separation, pharmaceutical applications, where repeatability, precision and reliability of speed, time, temperature, acceleration and deceleration are significant factors in obtaining perfect separations of the distinct blood fractions.



Features

- Equipped with the powerful converter motor with silent-block and shock absorbers that guarantee smooth and quiet operations without vibrations.
- The user friendly control unit is integrated in the front panel, window in the centrifuge lid for external speed control.
- Microprocessor digital controls and displays all functions : speed, time, temperature, acceleration / deceleration. rcf, 30 program memory, rotor code identification, operation fault display.
- Aluminium windshield protector.
- Swing-out rotor head, buckets and adapters made of high-density material.
- Efficient refrigeration : temperature adjustable between -20°C ~ + 40°C, standstill cooling, with refrigeration R134a.
- Max. capacity : 6x1200ml.
- Motorized lid locks provide safe, assured lid-locking. The lid can be opened by electronic lock or via manual operation, in case of failure resulted from broken electronic lock.
- Easy open the centrifuge lid via gas springs.
- Rpm/rcf adjustable along with the run.
- To ensure high-quality separations by properly choosing acceleration and deceleration rate, DL6MB allows you to control the rates of acceleration & deceleration from 1~12 profiles, you can quickly recall up to 30 daily used programmable operations, with rcf value calculating automatically.
- With the self-diagnostic system, DL6MB has high-strength chamber-coating and provides protective means for imbalance, over temperature and electronic lock, so it is safe and reliable to use.
- The centrifuge stands on movable castors.
- ISO9001:2008, CE international standards are met.



Technical Data

Model	DL-6MB
Order No.	LDL6MBFL
Max. speed	6000rpm
Max.rcf	6880×g
Max.capacity	6×1200ml
Speed accuracy	±50r/min
Temp.range	-20°C~+40°C
Speed accuracy	±50rpm
Control&drive	Converter motor/microprocessor control/direct drive
Timer range	0~23h 59min
Temp accuracy	±1°C
Daily-use program	30
Motor power	2.2kw
Power supply	AC220V, 50/60Hz, 30A
Weight	240kg
Noise	<58db
Display	LED / LCD
Acceleration/ Deceleration rates	1~ 12
Dimension	840×730×1220mm(L×W×H)
Height with open lid (mm)	1630



Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	016500/06	6×500ml	6000rpm	6880×g	Aluminium alloy	P0027 P0028 P0029	A00050001	12×1.5/2.2ml×6	P0002 P0003
							A00050003	1.5ml/2.2ml×17×6	P0002 P0003
							A00050005	10ml×8×6	P0008 P0010
							A00050006	3×30ml×6	P0013
							A00050007	2×50ml×6	P0016 P0018
Swing bucket rotor	0261000/042 0261200/042	6×1000ml 6×1200ml	4200rpm	5180×g	Aluminium alloy	P0031	A00050008	1×250ml×6	P0022
							A00100001	1.5ml/2.2ml×26×6	P0002 P0003
							A00100002	10ml×15×6	P0008 P0009 P0010
							A00100003	8×30ml×6	P0013
							A00100004	7×50ml×6	P0016 P0017 P0018
							A00100005	1×250ml×6	P0022
							A00100006	1×500ml×6	P0027 P0028 P0029
							A02100001	5ml/7ml×26×6	P0005 P0007
							A02100002	12×15ml×6	P0011

Note :

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DL-7M/XZ-8M Low Speed Large Capacity Refrigerated

DL-7M/XZ-8M is specially designed for molecular biology, serology investigations, serum separation, pharmaceutical applications, where repeatability, precision and reliability of speed, time, acceleration and deceleration are signification factors in obtaining perfect separations of the distinct blood fraction.



Features

- Equipped with the powerful converter motor with silent-block and shock absorbers that guarantees smooth and quiet operation without vibrations.
- Microprocessor digital controls and displays all functions : speed, time, acceleration and deceleration, rcf, temperature, 30 programmable functions, rotor identification, operation fault display, also with easy-to-use operation interface.
- Max.capacity : 6x1000ml.
- Fixed angle rotor, Max.capacity : 6x1000ml, made of high-density material.
- Efficient refrigeration : temperature adjustable between -20°C ~ +40°C, standstill cooling, with refrigerant R134a.
- Motorized lid locks provide safe, assured lid locking. The lid can be opened by electronic lock or via manual operation, in case of failure resulted from broken electronic lock.
- Easy open the centrifuge lid via gas springs.
- Rpm/rcf adjustable along with run.
- To ensure high-quality separations by properly choosing acceleration and deceleration rate. DL7M/XZ-8M allows you to control the rates of acceleration & deceleration from 1~12 profiles, you can quickly recall up to 30 daily used programmable operations, with rcf value calculating automatically.
- With the self-diagnostic system, DL7M/XZ-8M has high-strength chamber-coating and provides protective means for imbalance, over temperature and electronic lock, so it is safe and reliable to use.
- The centrifuge stands on movable castors.
- ISO9001:2008, CE international standards are met.

Technical Data

Model	DL-7M	XZ-8M
Order No.	LDL7MFL	LXZ8MFL
Max.speed	7000rpm	8000rpm
Max.rcf	11500×g	14336×g
Max.capacity	6×1000ml	6×1000ml
Temp range	-20°C~+40°C	-20°C~+40°C
Speed accuracy	20r/min	20r/min
Temp accuracy	±1°C	±1°C
Timer range	0~23h59min	0~23h59min
Rate of ac/dc	1~12	1~12
Control&drive	converter / direct drive	converter / direct drive
Daily-use program	20	20
Motor power	4KW	4KW
Refrigerated power	2KW	2.5KW
Noise	<65db	<65db
Display	LED / LCD	LED / LCD
Acceleration/ Deceleration rates	1~12	1~12
Power supply	AC220V, 50/60Hz, 30A	AC220V, 50/60Hz, 30A
Weight	280kg	280kg
Dimension	840×730×1220mm(L×W×H)	840×730×1220mm(L×W×H)
Height with open lid	1630mm	1630mm

Note :

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Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor for DL-7M	0161000/07	6×1000ml	7000rpm	11500×g	Aluminium alloy	P0030	A00100001	1.5ml/2.2ml×26×6	P0002 P0003
							A00100002	10ml×15×6	P0008 P0010
							A00100003	8×30ml×6	P0013
							A00100004	7×50ml×6	P0016 P0018
Angle rotor for XZ-8M	0161000/08	6×1000ml	8000rpm	14336×g	Aluminium alloy	P0030	A00100005	1×250ml×6	P0022
							A00100006	1×500ml×6	P0027 P0028 P0029

DLM12L High Capacity Refrigerated Centrifuge

Compact refrigerated floor standing centrifuge is specially designed for universal use in blood banks, clinical laboratories, serology investigations, molecular biology, serum separation, pharmaceutical applications, where repeatability, precision and reliability of speed, time, temperature, acceleration and deceleration are significant factors in obtaining perfect separations of the distinct blood fractions.

Note :

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Technical Data

Model	DLM12L
Order No.	LDLM12LFL
Max. speed	8000rpm
Max.rcf	14336xg
Max capacity	6x2400ml
Temp range	-20℃~+40℃
Temp accuracy	±1℃
Speed accuracy	±20 rpm
Timer range	0-90min
Rate of ac/dc	0-12
Control&drive microprocessor	converter motor, microprocessor control/direct drive
Daily-use program	30
Motor power	3kw
Refrigerated power	2.5kw
Noise	<58db
Display	LED/LCD
Acceleration/ Deceleration rates	1-12
Power supply	AC220V, 50/60Hz, 30A
Weight	500kg
Dimension	960×860×1200mm(L×W×H)
Height with open lid	1780mm

Features

- ◆ Equipped with the powerful converter motor with silent-block and shock absorbers that guarantee smooth and quiet operations without vibrations.
- ◆ With user friendly control unit is integrated in the front panel, window in the centrifuge lid for external speed control.
- ◆ Microprocessor digital controls and shows all functions: speed, time, temperature, acceleration / deceleration, rcf, 30 program memory, rotor identification, operation fault display.
- ◆ Aluminium windshield protector.
- ◆ Swing-out rotor head, buckets and adapters made of high-density material.
- ◆ Refrigeration: temperature adjustable between -20℃~+40℃, standstill cooling, with refrigerant R134a.
- ◆ Max.capacity: 6x2400ml or processing 18 pieces of 400ml blood bag at one time.
- ◆ Two motorized lid locks provide safe, assured lid-locking. The lid can be opened by electronic lock or via manual operation, in case of failure resulted from broken electronic lock.
- ◆ Easy open the centrifuge lid via pneumatic springs. The lid is hinged on the right hand side of the centrifuge.
- ◆ Two motorized lid locks provide safe, assured lid-locking.
- ◆ Rpm/rcf adjustable along with the run.
- ◆ To ensure high-quality separations by properly choosing acceleration and deceleration rate, DLM12L allows you to control the rates of acceleration & deceleration from 1-12 profiles, you can quickly recall up to 30 daily used programmable operation, with rcf value calculating automatically.
- ◆ With the self-diagnostic system DLM12L has high-strength chamber-coating and provides protective means for imbalance, over temperature and electronic lock so it is safe and reliable to use.
- ◆ The centrifuge stands on movable castors.
- ◆ ISO9001:2008, 13485, CE international standards are met.

Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	0161000/08	6 x 1000 ml	8000rpm	14336xg	Aluminium alloy	P0030	A00100001	1.5ml/2.2mbx26x6	P0002 P0003
							A00100002	10mlx15x6	P0008 P0010
							A00100003	8x30mlx6	P0013
							A00100004	7x50mlx6	P0016 P0018
							A00100005	1x250mlx6	P0022
							A00100006	1x500mlx6	P0027
Swing bucket rotor	02621000/042	6x2x1000ml	4200rpm	5900 xg	Aluminium alloy	P0031	A00100001	1.5ml/2.2mbx26x6	P0002 P0003
							A00100002	10mlx15x6	P0008 P0010
							A00100003	8x30mlx6	P0013
							A00100004	7x50mlx6	P0016 P0018
							A00100005	1x250mlx6	P0022
							A00100006	1x500mlx6	P0027
	0262400/046	6x2400ml	4600rpm	7060 xg	Aluminium alloy	P0032 P0033	A02100001	5ml/7mlx26x6	P0005 P0007
							A02100002	12x15mlx6	P0011
							A02240001	26x1.5/2.2mlx6	P0002 P0003
							A02240002	36x5mlx6	P0005
							A02240003	20x10mlx6	P0009
							A02240004	19x15mlx6	P0011
							A02240005	8x30mlx6	P0013
							A02240006	8x50mlx6	P0017
							A02240007	2x100mlx6	P0021
							A02240008	1x250mlx6	P0022
							A02240009	1x500mlx6	P0029
							A02240010	1x1000mlx6	P0031
							A02240011	2x400ml blood bag	No tube
							A02240012	3x400ml blood bag	No tube

LCD Screen

Progr:	Speed:	Temp:	Time:
1	4200	-10.0	98:00
Rotor:	Accel:	Decel:	Mode:
4DS4.2	2	2	Speed
Speed:	State:	Stop	
0	Temp:	-9.7	
	Time:	0:00	



RZ10 Gerber Centrifuge

RZ10 gerbert milk centrifuge is commonly called Gerber Centrifuge. RZ10 Table Top Milk Centrifuge is specially for analyzing milk products according to the hygienic standards. It is applicable in such fields as milk and milk products, medicine and pharmacy, biochemistry, and hygienic food to measure the volume or percentage of yhe fat centrifuged from milk.

Features

- ◆ User friendly microprocessor control with interactive LCD display.
- ◆ Brushless induction motor with frequency drive.
- ◆ Choice of High brake and low brake, allowing you to control the rates of acceleration & decelerat
- ◆ Gas spring to prevent falling of door.
- ◆ Safety lid interlock to prevent cover opening during centrifugation.
- ◆ Emergency lid lock release.
- ◆ Self-diagnosis for errors.

Technical Data

Model	RZ10
Max semidiameter	225mm
Operation way of the Rotor	Angle Rotor (Aluminium)
Centrifugal tube Number	12
Max.Speed	1500r/min
Max.RCF	320×g
Timer range	0~99min
Power	AC220V, 50/60Hz, 10A
Display	LCD
Acceleration/ Deceleration rates	1--10
Dimenslon	440×550×330mm(L×H×W)
Weight	45Kg



Note :
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TGL-20MB/TGL-20M High Speed Refrigerated Centrifuge

Features

- Max.speed 20.000 rpm, gravitation fields up to more than 27800 x g.
- Brushless induction motor with frequency driver ensures gentle start.
- Reliable drive system.
- TGL20MB allows you to control the rates of acceleration & deceleration from 1~10 profiles, you can quickly recall up to 30 daily-use programmable operations with RCF value calculated automatically.
- Microcontroller controls time, temperature, speed or g-force.
- Very low noise level.
- Possibility of precooling rotors during standstill, refrigerant R134a,(CFC-free).
- Lid can easily be opened by gas spring support.
- Motorized lid lock.
- Special rotor connector which makes it easy to load and unload rotor.
- Special tool for loading and unloading rotor.
- Coded rotor identification prevents the rotor from overspeeding.
- Stainless stell owl.
- Imbalance switch.
- It cannot run with the open lid, neither open the lid when rotor runs.
- Door openable in emergency(very useful in an unexpected power interruption).
- Produced according to national and international safety regulation(e.g.IEC 61010).
- ISO9001:2008, CE international standards are met.



Technical Data

Model	TGL-20MB	TGL-20M
Order No.	TGL20MBF	TGL20MF
Max.speed	20000rpm	20000rpm
Max.rcf	27800×g	27800×g
Speed accuracy	±20r/min	±20r/min
Temp.range	-20℃~+40℃	-20℃~+40℃
Temp accuracy	±2℃	±2℃
Noise	<55db	<55db
Timer range	0~99min	0~99min
Display	LCD	Digital display
Acceleration/ Deceleration rates	1~10	
Power supply	AC220V, 50/60Hz, 16A	AC220V, 50/60Hz, 16A
Weight	65kg	70kg
Dimension	620×500×350mm(L×W×H)	620×500×350mm(L×W×H)

Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	011205/20	12×0.5ml	20000rpm	20380×g	Aluminium alloy	P0001			
	014805/16	48×0.5ml	16000rpm	21900×g		P0001			
	0112015/20	12×1.5ml	20000rpm	27800×g		P0002			
	0112022/20	12×2.2ml	20000rpm	27800×g		P0003			
	01105/16	10×5ml	16000rpm	17780×g		P0004			
	011210/15	12×10ml	15000rpm	19910×g		P0008 P0010			
	01650/13	6×50ml	13000rpm	18550×g		P0016 P0018	A00005002	1.5ml/2.2ml×2×8	P0002 P0003
							A00005004	10ml×1×8	P0008 P0010
							A00005009	20ml×1×8	P0012
	0124015/16	24×1.5ml	16000rpm	23800×g		P0002			
	0124022/16	24×2.2ml	16000rpm	23800×g		P0003			
	01450/14	4×50ml	14000rpm	19100×g		P0016 P0018	A00005001	1.5ml/2.2ml×2×4	P0002 P0003
							A00005005	10ml×1×4	P0008 P0010
							A00005007	20ml×1×4	P0012
Swing bucket rotor	014100/11	4×100ml	11000rpm	13280×g	Stainless steel	P0020	A00010001	1.5ml/2.2ml×3×4	P0002 P0003
							A00010003	10ml×1×4	P0008 P0010
							A00010005	50ml×1×4	P0016 P0018
	022248/04	2×2×48microplate	4000rpm	1505×g					

Note :

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XJ-12, XJ-8, XJ-6 Cytocentrifuge



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Features

It is controlled by microprocessor, equipped with DC. Brushless motor, digital display and low noise. It can be used to take erythrocyte-serum test, identify antigens and antibodies, and give other relative test in immune hematology examination and research laboratories.

Technical Data

Model	XJ-6	XJ-8	XJ-12
Max. Speed	2200rpm	2200rpm	2200rpm
Timer	0-99min	0-99min	0-99min
Tube Capacity	0.1ml -0.5ml	0.1ml -0.5ml	0.1ml -0.5ml
Sample number	6	8	12
Motor	Brushless Motor	Brushless Motor	Brushless Motor
Power	AC 220V 50Hz 5A	AC 220V 50Hz 5A	AC 220V 50Hz 5A
Weight	22Kg	22Kg	22Kg
Dimension	490 x 400 x 300mmL x W x H	490 x 400 x 300mmL x W x H	490 x 400 x 300mmL x W x H

XZ-25K High Speed Refrigeration Centrifuge

It is the first centrifuge equipped with vacuum in China. The centrifuge can process a volume of up to 3 liters, offering a complete solution in the preparation of sample to be centrifuged for research labs, clinics, bio-technology, industry and hospitals.

Features

- With large selection of rotors and adapters.
- AC converter motor maintenance free.
- The screen shows max.rpm, max.rcf, avoiding exceeding the maximum speed and providing the user with an easy-to handle machine and an ally in the daily tasks.
- Minimum acceleration time.
- Noise level lower than 65db.
- Automatic coded rotor recognition.
- Lid open programmable motorized.
- Rpm/rcf adjustable along the run.
- Stainless steel chamber with additional inner guard ring.
- Lid dropping protection.
- Imbalance cut off.
- Door openable in emergency(very useful in an unexpected power interruption).
- It cannot run with the lid open, neither open the lid when rotor runs.
- Temperature probe inside the chamber of centrifugation, refrigerant R134a(Libra cfc).
- To ensure high-quality separations by properly choosing acceleration and deceleration rate, XZ-25K allows you to control the rates of acceleration & deceleration from 1~12 profiles, you can quickly recall up to 30 daily used programmable operation, with rcf value calculating automatically.
- With the self-diagnostic system, XZ-25K is provided with high-strength chamber-coating and protective means for imbalance, over temperature and electronic lock, so it is safe and reliable to use.
- The centrifuge stands on movable castors.
- ISO9001:2008, CE international standards are met.

Technical Data

Model	XZ-25K
Order No.	LXZ25KF
Max.speed	25000rpm
Max.rcf	61250×g
Max.capacity	6×500ml
Speed accuracy	±20r/min
AC / DC	1~12 profiles
Temp. range	-20℃~+40℃
Compressor	France compressor
Timer range	0~23h59min
Temp accuracy	±1℃
Power supply	AC220V, 50/60Hz, 30A
Weight	220kg
Display	LED / LCD
Acceleration/ Deceleration rates	1~12
Dimension	760×680×1220mm(L×W×H)



Note :

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Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Angle rotor	0124015 / 25	24×1.5ml	25000rpm	61250×g	Ti	P0002			
	0124020 / 25	24×2ml				P0003			
	011610/21	16×10ml	21000rpm	47400×g		P0008 P0010			
	01650/20	8×50ml	20000rpm	43000×g		P0016	A00005002	1.5ml/2.2ml×2×6	P0002 P0003
							A00005004	10ml×1×6	P0008 P0010
							A00005009	20ml×1×6	P0012
	01850/18	8×50ml	18000rpm	38200×g		P0016	A00005003	1.5ml/2.2ml×2×8	P0002 P0003
							A00005006	10ml×1×8	P0008 P0010
							A00005008	20ml×1×8	P0012
	01670/15	8×70ml	15000rpm	25700×g		P0035			
	016100/12	8×100ml	12000rpm	19630×g		P0020	A00010002	1.5ml/2.2ml×3×8	P0002 P0003
							A00010004	10ml×1×8	P0008 P0010
Swing bucket rotor	016250/12	6×250ml	12000rpm	22800×g		P0022	A00010005	50ml×1×8	P0016 P0018
							A00025002	1.5ml/2.2ml×10×6	P0002 P0003
							A00025004	10ml×5×6	P0008 P0010
							A00025005	50ml×2×6	P0016 P0018
	014300/14	4×300ml	14000rpm	28150×g		P0023 P0024			
	016300/12	6×300ml	12000rpm	22600×g		P0023 P0024			
	016500/10	6×500ml	10000rpm	18705×g		P0027 P0028	A00050001	12×1.5/2.2ml×6	P0002 P0003
							A00050003	1.5ml/2.2ml×17×6	P0002 P0003
							A00050005	10ml×8×6	P0008 P0010
							A00050006	3×30ml×6	P0013
							A00050007	2×50ml×6	P0016 P0018
							A00050008	1×250ml×6	P0022
Continuous rotor	02445/12	4×4×5ml	12000rpm	11900×g		P0005			
	02430/13	4×30ml	13000rpm	23800×g		P0013			
	02450/10	4×50ml	10000rpm	16200×g		P0016 P0017 P0018			
	024500/04	4×500ml	4000rpm	4820×g		P0029	A00050004	10ml×8×4	P0008 P0009 P0010
							AC2050002	5ml/7ml×16×4	P0004 P0005 P0007
	022286/04	2×2×96	4000rpm	2200×g	Stainless steel				
	031000/14	1000ml	14000rpm	21500×g	Aluminium				
	031000/16	1000ml	16000rpm	28200×g	Ti				
	033000/08	3000ml	8000rpm	9530×g	Aluminium				
	033000/10	3000ml	10000rpm	14800×g	Ti				



XZ-P4 Decap Low-Speed Centrifuge

Features

- ◆ With wind shield, low noise, high capacity.
- ◆ It is controlled by microprocessor, driven by AC converter motor, high-accuracy.
- ◆ Digital display shows speed, RCF, time and malfunction.
- ◆ Vacutainer automatically taken off, improving work efficiency. Adapter with double unique design to avoid cap-dropping when it is running.
- ◆ It only takes 30s to increase/decrease the speed. The rate of acceleration/deceleration from 1~10profiles can meet the best effect.
- ◆ Built-in electronic doorlock, rotor recognize automatically and the protection function of imbalance and over speed.
- ◆ Touch panel, programmable operation, RCF value calculating automatically, easy to operate.
- ◆ Widely used in biochemistry, radiation laboratory, blood center, biological product and so on.

Technical Data

Model No.	XZ-P4
Order No.	LXZP4
Max.speed	3000r/min
Time range	0~99min
Speed accuracy	±20rpm
Noise	<55db
Display	Digital display
Speed increments [rpm]	50
Weight	150kg
Dimension	630×730×1060mm(L×H×W)



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Rotor

	Order No.	Description	Max.Speed	Max.rcf	Material	Tube Order No.	Adapter		
							Order No.	Description	Tube order No.
Swing	021205/03	120×5ml	3000rpm	2035×g	Aluminium alloy	P0007			
bucket rotor	021202/03	120×2ml	3000rpm	1835×g		P0005			





GL10MD High Speed Large Capacity Refrigerated Centrifuge



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INTRODUCE:

GL10MD high speed large capacity refrigerated centrifuge is specially designed for users who require both large capacity and high speed. It can be widely used in the fields of bioengineering, genetic engineering and biopharmacy etc.



Large Capacity Refrigerated centrifuge DL6M



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This large volume low speed Blood Bank Refrigerated Centrifuge is designed for separating blood and blood components from whole blood like platelet, plasma, RBC and Cryoprecipitate. Our Blood Bank Refrigerated Centrifuge is ideal for blood banks and hospitals. The Blood Bank Refrigerated Centrifuges are widely used in pharmaceutical industry, research centers, vaccine manufacturing industry and universities. We undertook the project of "Donation from the government of the People's Republic of China to Cuba's Nation Blood Bank (2008-2009) with this model: DL6M.

FEATURES

1. Microprocessor control, operated by touch panel, LED and LCD display, operated data can be saved automatically, RCF value can be set directly for working, easy to use.
2. Brushless converter motor which has high torque, High speed bearing from Europe, smoothly running and maintenance-free.
3. Multistage damping system, the Freon-free compressor from Europe, low noise and slight vibration, green.



Low -speed and large capacity centrifuge DD5



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Features:

1. Microprocessor control, operated by touch panel, LED and LCD display, operated data can be saved automatically, RCF value can be set directly for working, easy to use.
2. Brushless converter motor which has high torque, Bearingg from Europe, smoothly running and maintenance-free.
3. Multistage damping system, the freon-free compressor from Europe, low noise and slight vibration, green.
4. Steel body, stainless steel centrifugal chamber, imports of key components , durable and easy to clean.
5. Overspeed, overtemperature, door interlock, unbalanced protection, ensure safety.
6. Proprietary air current design, small temperature-rise of centrifuge chamber. Proprietary SCT speed control design, fast acceleration and deceleration, high efficiency.
7. Can be configured 5ml, 7ml, 10ml, 15ml, 30ml, 50ml and sevral kinds of adapters, meet the customer's needs.
8. **Widely used in the field of biochemistry, pharmacy industry, especially in separation and purification of blood products.**



LARGE CAPACITY REFRIGERATED CENTRIFUGE MODEL : TP-12



High-speed refrigerated centrifuges are widely used in animal and plant molecular biology, separation of intracellular chemicals, organisms, viruses, subcells, and bacterial cells, bioengineering, large-volume preparation, blood, protein precipitation and other high-tech fields.

Instrument Features:

- Carbon brushless high-torque variable frequency motor, maintenance-free, no dust pollution, fast lifting speed.
- Using a flexible shaft drive system to directly drive the rotor, the operation is smooth and the vibration is small.
- Imported fluorine-free compressor unit, dual-cycle refrigeration, strong hot and cold exchange capacity, no environmental pollution, and precise temperature control.
- Servo-type automatic door lock, emergency unlocking function; automatic protection function for overspeed, overtemperature, and imbalance; the body is made of high-quality steel structure, with built-in stainless steel explosion-proof protective inner sleeve and stainless steel centrifugal chamber, which is safe and reliable.
- Using microcomputer processor for precise control, digital display of parameters such as speed, time, temperature, etc. The setting parameters can be modified during operation, the RCF value can be switched to be displayed, 10 kinds of program storage, and 10 kinds of lifting speeds are available for selection.
- Three levels of vibration reduction, optimal centrifugal effect.

Technical Parameters:

Max Speed	12000r/min
Max Volume	4*1000ml
Timer	1~9h59min
Dimension	780×674×830mm
Speed Control Accuracy	±20r/min
Temperature Control Accuracy	±1°C
Max RCF	22650*g
Noise	≤60dBA
Net Weight	260kg
Power Supply	AC220V, 50HZ, 20A
Temperature Control Range	-20°C~40°C

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