



Centrifuge

Benc **H** top

Refr **i** gerated

g
h

Floor **S** tanding

p
e

Larg **e** Capacity

d



Product Description

- The machine adopts Variable frequency drive motor, microcomputer control, LCD & Digital display, with .
- The automatic rotor recognition to prevent from overspeed.
- There are 40 levels of acceleration and deceleration, and it can store 12 users programs.
- It is easy to replace the rotor with a special elastic fixed method.
- Automatic fault diagnosis, Adopted Imported compressor, CFC-free refrigerants, double circuit control for refrigeration and heating.
- Programs of RCF can be set up directly.
- We Adopts Import famous variable frequency controller, which can control speed accurately and have a long service life.
- The operating parameters can be modified during operation.
- All- steel body, three-layer steel for safety.



Max Speed 17000rpm
 Max Centrifugal Force 20050Xg
 Speed Accuracy ±10rpm



Temp. Accuracy ±1°C
 Temp. range -20°C ~40°C
 Temp. control PID dynamic



Max Capacity 4*250ml(4500rpm)



Imbalance Protection



Can store programs 12
 Can store usage records 1000



Timing range 1s-99H59min59s
 Timing models Count or countdown



Noise ≤56dB(A)



Dimension 640*560*390 mm (L*W*H)

Power Supply	AC 220V 50HZ 15A
Weight	80kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	21 rotors



01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.





02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR241	Angle Rotor	12X1.5ml/2.2ml	17000rpm	20050 Xg
iDR242	Angle Rotor	12X5ml	15000rpm	18270 Xg
iDR243	Angle Rotor	24X1.5/2.2ml	15000rpm	21630 Xg
iDR244	Angle Rotor	12X10ml	13000rpm	15620 Xg
iDR245	Angle Rotor	36X1.5ml/2.2ml	13000rpm	15620 Xg
iDR246	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iDR247	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iDR248	Angle Rotor	48X1.5ml/2.2ml	12000rpm	15970 Xg
iDR249	Angle Rotor	4X100ml	11000rpm	12870 Xg
iDR2410	Angle Rotor	8X50ml Round bottom	11000rpm	12870 Xg
iDR2411	Angle Rotor	8X50ml Conical bottom	11000rpm	12870 Xg
iDR2412	Angle Rotor	12X15ml	11000rpm	12870 Xg
iDR2413	Angle Rotor	6X10ml	16000rpm	19070 Xg
iDR2414	Angle Rotor	8X15ml	13000rpm	15620 Xg
iDR2415	Angle Rotor	6X30ml	13000rpm	15620 Xg
iDR2416	Microplate swing	2X3X96holes	4000rpm	1970 Xg
iDR2417	Swing-out Rotor	4X250ml	4500rpm	3720 Xg



Floor Standing High Speed Refrigerated Centrifuge iHFR-25M

Product Description

- iHFR-25M is high speed centrifuge with max speed 25000rpm.
- it's max capacity 4*1000ml can meet large capacity centrifugation requirements.
- Although this is super centrifuge with so large capacity and high speed, the temperature accuracy can achieve $\pm 1^{\circ}\text{C}$ because of the imported high quality compressor.
- As we all know, high temperature accuracy is very important for a refrigerated centrifuge.
- The temperature accuracy of this centrifuge can reaches up to $\pm 1^{\circ}\text{C}$.
- Most of centrifuges in the market use brushless motor, but we use the best motor-variable frequency motor, it is eco-friendly, maintenance free and has good performance.
- Put down the rotor, the centrifuge will automatically lock the rotor without using spanner.
- It's very convenient to load and unload.



Max Speed 25000rpm
Max Centrifugal Force 64800Xg
Speed Accuracy $\pm 10\text{rpm}$



Temp. Accuracy $\pm 1^{\circ}\text{C}$
Temp. range $-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Temp. control PID dynamic



Max Capacity 4*250ml(4500rpm)



Can store programs 1000
Can store usage records 1000



Timing range 1s-99H59min59s
Timing models Count or countdown



Noise $\leq 56\text{dB(A)}$



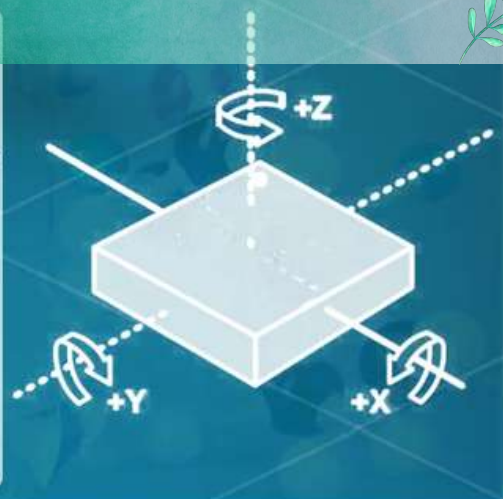
Dimension 640*560*390 mm
(L*W*H)

Power Supply	AC 220V 50HZ 15A
Weight	80kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	21 rotors

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VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-25M1	Angle Rotor	24X1.5/2.2ml	25000rpm	64800 Xg
iHFR-25M2	Angle Rotor	16X10ml	23000rpm	56880 Xg
iHFR-25M3	Angle Rotor	8X50ml	21000rpm	52360 Xg
iHFR-25M4	Angle Rotor	6X300ml	12000rpm	24110 Xg
iHFR-25M5	Angle Rotor	6X500ml	10000rpm	18590 Xg
iHFR-25M6	Angle Rotor	4X1000ml	8000 rpm	12040 Xg
iHFR-25M7	Angle Rotor	12X50ml	14000rpm	30070 Xg
iHFR-25M8	Swing-out Rotor	4X750ml	5000 rpm	5600 Xg
iHFR-25M9	Swing-out Rotor	6X50ml	10000rpm	15680 Xg



Product Description

- iHFR-22M is large capacity refrigerated centrifuge, and it can fit fixed angle rotor and 96 holes micro plate
- It can centrifuge volume from 1.5ml to 500ml, the max capacity is 6*500ml.
- It's an ideal choice for centrifuge large capacity.
- LG-22M is large capacity refrigerated centrifuge, and it can fit fixed angle rotor and 96 holes micro plate.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs.
- Next time, we just need to choose the right program and then start.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.

Floor Standing High Speed Refrigerated Centrifuge iHFR-22M



Max Speed 22000rpm
Max Centrifugal Force 50685Xg
Speed Accuracy ±10rpm



Temp. Accuracy ±1°C
Temp. range -20°C ~40°C
Temp. control PID dynamic



Max Capacity 6*500ml(10000rpm)



Can store programs 12
Can store usage records 1000



Timing range 1s-99H59min59s
Timing models Count or countdown



Noise ≤65dB(A)



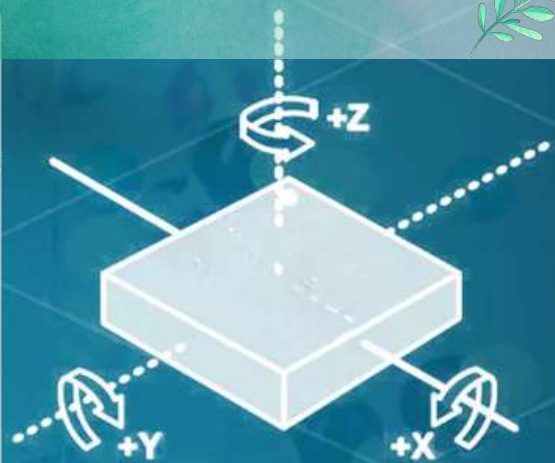
Dimension 850*730*930mm (L*W*H)

Power Supply	AC 220V 50HZ 32A
Weight	260kg
Power	5000W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	Yes
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	13 rotors

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The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



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VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-22M1	Angle Rotor	16X10ml	22000rpm	50685 Xg
iHFR-22M2	Angle Rotor	24X1.5ml/2.2ml	21000rpm	43960 Xg
iHFR-22M3	Angle Rotor	6X50ml	20000rpm	44800 Xg
iHFR-22M4	Angle Rotor	8X50ml	18000rpm	38460 Xg
iHFR-22M5	Angle Rotor	6X100ml	16000rpm	30910 Xg
iHFR-22M6	Angle Rotor	8X100ml	12000rpm	19830 Xg
iHFR-22M7	Angle Rotor	4X300ml	14000rpm	28150 Xg
iHFR-22M8	Angle Rotor	6X300ml	12000rpm	24110 Xg
iHFR-22M9	Angle Rotor	6X500ml	10000rpm	18590 Xg
iHFR-22M10	Microplate swing out rotor	2X3X96holes	4000 rpm	1970 Xg
iHFR-22M11	Swing-out Rotor	4X50ml	10000rpm	16200 Xg
iHFR-22M12	Swing-out Rotor	4X30ml	13000rpm	23800 Xg
iHFR-22M13	Swing-out Rotor	4X4X5ml	12000rpm	11900 Xg



Product Description

- iHFR-21M is high speed centrifuge with max capacity 21000rpm.
- It can centrifuge volume from 1.5ml to 500ml.
- For 24*1.5ml rotor, the speed can reach up to 21000rpm;and for 6*500ml,the speed can reach up to 10000rpm. So if you need to centrifuge large capacity and require high speed, this centrifuge will work.
- It should have good quality parts, advanced technology, useful functions and high refrigerated performance.
- This centrifuge has all those things. Choose this centrifuge, you will have good use experience.
- Good quality compressor and CFC-free refrigerants are used in this centrifuge. We can set temperature between -20°Cand 40°C. The temperature accuracy reaches up to $\pm 1^\circ\text{C}$.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- Put down the rotor, the centrifuge will automatically lock the rotor without using spanner. It's very convenient to load and unload.
- If we know the Relative Centrifugal Force before operation,we can set RCF directly,no need to convert between RPM and RCF.
- If we know the Relative Centrifugal Force before operation,we can set RCF directly,no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed,RCF and time when the centrifuge is under operation, and we don't want to stop,we can reset parameters directly,no need to stop,just use your finger to change those numbers.



Floor Standing Refrigerated Centrifuge iHFR-21M

Noise	$\leq 65\text{dB(A)}$
Power Supply	AC 220V 50HZ 32A
Weight	260kg
Power	5000W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	Yes
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	13 rotors



Max Speed 21000rpm
Max Centrifugal Force 47400Xg
Speed Accuracy $\pm 10\text{rpm}$



Temp. Accuracy $\pm 1^\circ\text{C}$
Temp. range $-20^\circ\text{C} \sim 40^\circ\text{C}$
Temp. control PID dynamic



Max Capacity 6*500ml(10000rpm)



Can store programs 12
Can store usage records 1000



Timing range 1s-99H59min59s
Timing models Count or countdown



Noise $\leq 65\text{dB(A)}$

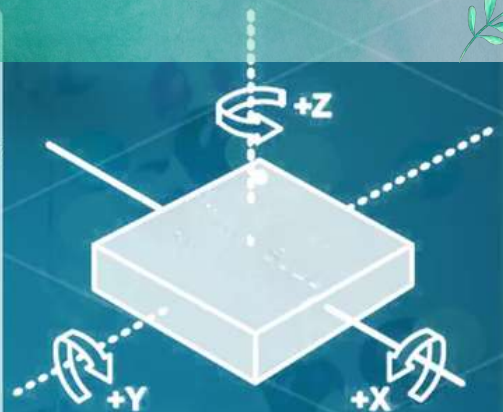


Dimension 850*730*930mm
(L*W*H)

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-21M1	Angle Rotor	16X10ml	21000rpm	47400 Xg
iHFR-21M2	Angle Rotor	24X1.5ml/2.2ml	21000rpm	43960 Xg
iHFR-21M3	Angle Rotor	6X50ml	20000rpm	44800 Xg
iHFR-21M4	Angle Rotor	8X50ml	18000rpm	38460 Xg
iHFR-21M5	Angle Rotor	6X100ml	16000rpm	30910 Xg
iHFR-21M6	Angle Rotor	8X100ml	12000rpm	19830 Xg
iHFR-21M7	Angle Rotor	4X300ml	14000rpm	28150 Xg
iHFR-21M8	Angle Rotor	6X300ml	12000rpm	24110 Xg
iHFR-21M9	Angle Rotor	6X500ml	10000rpm	18590 Xg
iHFR-21M10	Microplate swing	2X3X96holes	4000 rpm	1970 Xg
iHFR-21M11	Swing-out Rotor	4X50ml	10000rpm	16200 Xg
iHFR-21M12	Swing-out Rotor	4X30ml	13000rpm	23800 Xg
iHFR-21M13	Swing-out Rotor	4X4X5ml	12000rpm	11900 Xg



- iHFR-16M Floor standing high speed refrigerated centrifuge machine is super centrifuge with max capacity 6*500ml.
- It's ideal centrifuge for large capacity centrifugation.
- Good quality compressor and CFC-free refrigerants are used in this centrifuge. We can set temperature between -20°C and 40°C. The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm.
- Put down the rotor, the centrifuge will automatically lock the rotor without using spanner. It's very convenient to load and unload.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.

Floor Standing Refrigerated Centrifuge iHFR-16M



Max Speed 16000rpm
Max Centrifugal Force 27520Xg
Speed Accuracy ±10rpm



Temp. Accuracy ±1°C
Temp. range -20°C ~40°C
Temp. control PID dynamic



Max Capacity 6*500ml(10000rpm)



Can store programs 12
Can store usage records 1000



Timing range 1s-99H59min59s
Timing models Count or countdown



Noise ≤65dB(A)



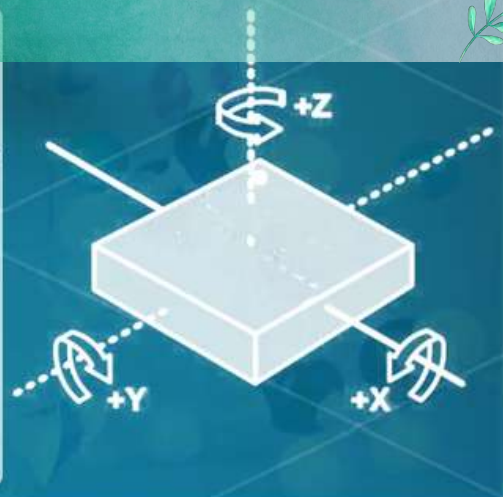
Dimension 850*730*930mm (L*W*H)

Power Supply	AC 220V 50HZ 32A
Weight	260kg
Power	4500W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	Yes
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	8 rotors

01

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VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-16M1	Angle Rotor	6X50ml	16000rpm	27520 Xg
iHFR-16M2	Angle Rotor	24X1.5ml	16000rpm	25520 Xg
iHFR-16M3	Angle Rotor	16X10ml	16000rpm	27500 Xg
iHFR-16M4	Angle Rotor	6X100ml	14000rpm	23600 Xg
iHFR-16M5	Angle Rotor	8X50ml	14000rpm	23270 Xg
iHFR-16M6	Angle Rotor	6X300ml	10000rpm	16750 Xg
iHFR-16M7	Angle Rotor	6X500ml	8000rpm	11860 Xg
iHFR-16M8	Swing-out Rotor	4X750ml	4000rpm	3500 Xg



- iHFR-10M is high speed large capacity centrifuge.
- It's max speed is 10000rpm.
- It is for large capacity centrifugation.
- There are three rotors for this centrifuge:6*500ml,6*1000ml,6*300ml. If you need to centrifuge large capacity and require high speed, this centrifuge will be your choice.
- The max 6*1000 capacity can meet your large capacity centrifuge requirements. This refrigerated centrifuge supports temperature setting from -20°C and 40°C. It's ±1°C temperature accuracy and ±10rpm speed accuracy can give you good use experience.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.



Floor Standing High Speed Refrigerated Centrifuge iHFR-10M



Max Speed 25000rpm
Max Centrifugal Force 64800Xg
Speed Accuracy ±10rpm



Temp. Accuracy ±1°C
Temp. range -20°C ~40°C
Temp. control PID dynamic



Max Capacity 4*1000ml(8000rpm)



Can store programs 1000
Can store usage records 1000



Timing range 1s-99H59min59s
Timing models Count or countdown



Noise ≤56dB(A)



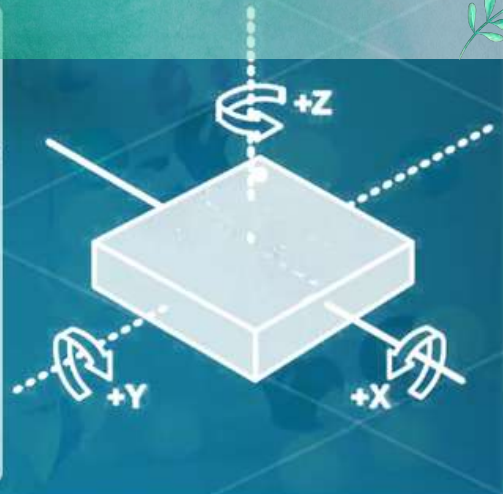
Dimension 640*560*390mm
(L*W*H)

Power Supply	AC 220V 50HZ 15A
Weight	80kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	21 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-10M1	Angle Rotor	6X500ml	10000rpm	18590 Xg
iHFR-10M2	Angle Rotor	6X1000ml	7000rpm	11630 Xg
iHFR-10M3	Angle Rotor	6X300ml	10000rpm	16750 Xg



Product Description

- iHFR-22 is high speed centrifuge with max speed 25000rpm.
- its max capacity 4*1000ml can meet large capacity centrifugation requirements
- Although this is super centrifuge with so large capacity and high speed, the temperature accuracy can achieve $\pm 1^{\circ}\text{C}$ because of the imported high quality compressor.
- As we all know, high temperature accuracy is very important for a refrigerated centrifuge. The temperature accuracy of this centrifuge can reach up to $\pm 1^{\circ}\text{C}$.
- Most of centrifuges in the market use brushless motor, but we use the best motor-variable frequency motor, it is eco-friendly, maintenance free and has good performance.
- Put down the rotor, the centrifuge will automatically lock the rotor without using spanner. It's very convenient to load and unload.

Floor Standing High Speed Refrigerated Centrifuge iHFR-22



Max Speed 22000rpm
Max Centrifugal Force 50685Xg
Speed Accuracy $\pm 10\text{rpm}$



Temp. Accuracy $\pm 1^{\circ}\text{C}$
Temp. range $-20^{\circ}\text{C} \sim -40^{\circ}\text{C}$
Temp. control PID dynamic



Max Capacity 6*500ml(10000rpm)



Can store programs 12
Can store usage records 1000



Timing range 1min-99H59min/inching
Timing models Count or countdown



Noise $\leq 65\text{dB(A)}$



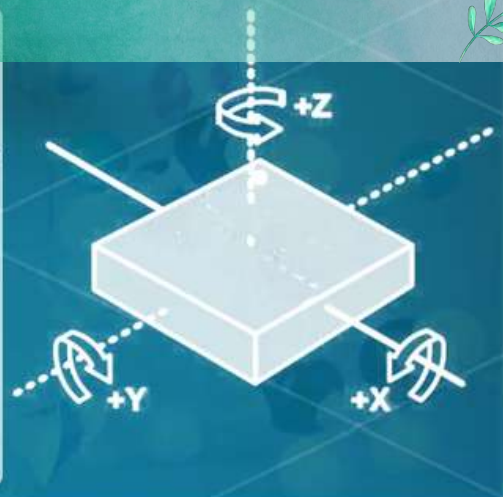
Dimension 850*730*930mm
(L*W*H)

Power Supply	AC 220V 50HZ 32A
Weight	260kg
Power	5000W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	13 rotors

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THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



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VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-221	Angle Rotor	12X1.5ml/2.2ml	22000rpm	34700 Xg
iHFR-222	Angle Rotor	12X5ml	17000rpm	22330 Xg
iHFR-223	Angle Rotor	24X1.5ml/2.2ml	16500rpm	27140 Xg
iHFR-224	Angle Rotor	12X10ml	15000rpm	20160 Xg
iHFR-225	Angle Rotor	36X1.5ml	15000rpm	20160 Xg
iHFR-2256	Angle Rotor	6X50ml Round bottom	13000rpm	18740 Xg
iHFR-2257	Angle Rotor	6X50ml Conical bottom	13000rpm	18740 Xg
iHFR-228	Angle Rotor	48X1.5ml	13000rpm	18740 Xg
iHFR-229	Angle Rotor	4X100ml	11000rpm	12870 Xg
iHFR-2210	Angle Rotor	8X50ml Round bottom	11000rpm	12870 Xg
iHFR-2211	Angle Rotor	8X50ml Conical bottom	11000rpm	12870 Xg
iHFR-2212	Angle Rotor	12X15ml	11000rpm	12870 Xg
iHFR-2213	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iHFR-2214	Swing-out Rotor	4X250ml	4500rpm	3720 Xg
iHFR-2215	Swing-out Rotor	4X500ml	4200rpm	3550 Xg
iHFR-2216	Swing-out Rotor	4X750ml	4000rpm	3500 Xg



Product Description

- The machine adopts frequency conversion driving, micro-computer control, liquid crystal display, electronic lock control and protection for imbalance.
- Rotors are recognized automatically. It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice.
- The refrigerating system uses imported compressors, CFC-free refrigerants, refrigerating/heating double loop, which make the machine highly efficient, heating and cooling fast and have small vibration.
- Operation parameters of instruments such as rotate speed/ centrifugal force, time and temperature can be modified during operation.
- This machine is widely used in biology, medicine and clinical medicine and can play an important role in gene engineering as well as the research of protein nucleic acid.
- What's more, it is used in the research of structure and function study at the level of DNA, DNA chain reactions, gene fragments separation and germ protein recycling.

Floor Standing High Speed Refrigerated Centrifuge IHFR-18



Max Speed 18000rpm
Max Centrifugal Force 22500Xg
Speed Accuracy ±10rpm



Temp. Accuracy ±1°C
Temp. range -20°C ~40°C
Temp. control PID dynamic



Max Capacity 4x250ml(4500rpm)



Can store programs 1000
Can store usage records 1000



Timing range 1min-99H59min/inching
Timing models Count or countdown



Noise ≤65dB(A)



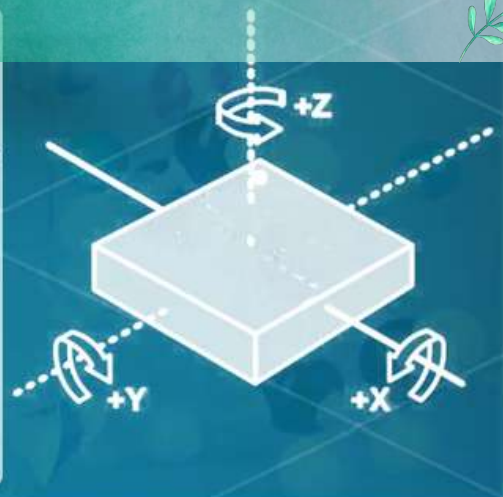
Dimension 650x550x840
(LxWxH) mm

Power Supply	AC 220V 50HZ 15A
Weight	160 kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	21 rotors

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VARIABLE FREQUENCY MOTOR

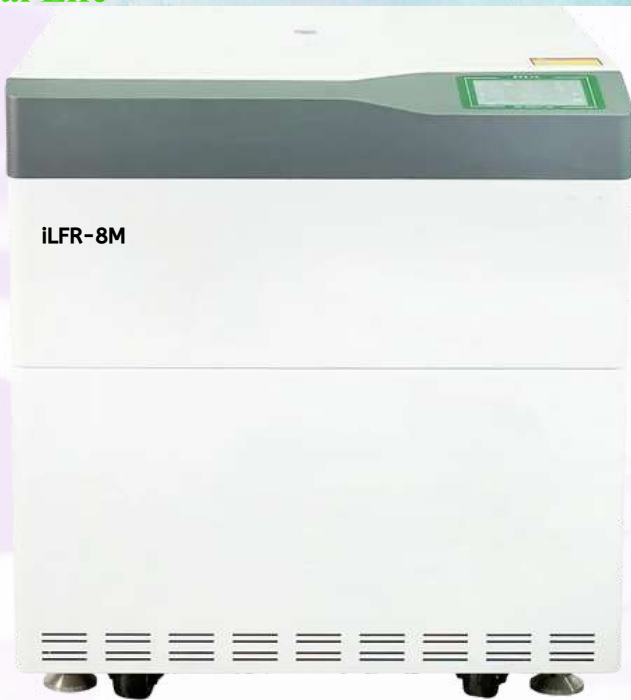
Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iHFR-181	Angle Rotor	12X1.5ml/2.2ml	18000rpm	20050 Xg
iHFR-182	Angle Rotor	12X5ml	16000rpm	18270 Xg
iHFR-183	Angle Rotor	24X1.5/2.2ml	15000rpm	21630 Xg
iHFR-184	Angle Rotor	12X10ml	14000rpm	15620 Xg
iHFR-185	Angle Rotor	36X1.5ml	14000rpm	15620 Xg
iHFR-186	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iHFR-187	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iHFR-188	Angle Rotor	48X1.5ml	12000rpm	15970 Xg
iHFR-189	Angle Rotor	4X100ml	10000rpm	12870 Xg
iHFR-1810	Angle Rotor	8X50ml Round bottom	10000rpm	12870 Xg
iHFR-1811	Angle Rotor	8X50ml Conical bottom	10000rpm	12870 Xg
iHFR-1812	Angle Rotor	12X15ml	10000rpm	12870 Xg
iHFR-1813	Angle Rotor	6X10ml	16000rpm	19070 Xg
iHFR-1814	Angle Rotor	8X15ml	12500rpm	15620 Xg
iHFR-1815	Microplate swing	2X3X96 holes	4000rpm	15620 Xg
iHFR-1816	Swing-out Rotor	4X250ml	4500rpm	1970 Xg

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Floor Standing Low Speed Refrigerated Centrifuge

iLFR-8M

Product Description

- iLFR-8M is floor standing low speed super large capacity refrigerated centrifuge machine.
- This machine is widely used in blood stations, pharmaceutical factories, biochemistry, biological products and other production and scientific research units.
- The maximum capacity is 12 liters. It is an ideal instrument for blood separation, protein precipitation, and cell separation and collection in large quantities.
- Good quality compressor and CFC-free refrigerants are used in this centrifuge.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or programs.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.
- The centrifuge has 22 kinds of protections, such as lid, over-speed, over-temp, over-heat. It will alarm by sound and text and show relative solution.
- The centrifuge has electronic instruction manual, which will never be lost and can be used anytime.
- The door lock is self-priming, which is convenient and safe.



Max Speed **8000rpm**
 Max Centrifugal Force **11880Xg**
 Speed Accuracy **± 20 rpm**



Temp. Accuracy **$\pm 1^{\circ}\text{C}$**
 Temp. range **$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$**
 Temp. control **PID dynamic**



Max Capacity **6*2400ml or 18*400ml blood bag**



Can store programs **1000**
 Can store usage records **1000**



Timing range **1s-99H59min59s**
 Timing models **Count or countdown**



Noise **$\leq 65\text{dB(A)}$**



Dimension **960*880*950mm (L*W*H)**

Power Supply	AC 380V 50HZ 35A
Power	7500W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Adjustable acceleration and deceleration rate	40 levels
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	5 rotors

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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLFR-8M1	Angle Rotor	6X1000ml	7000rpm	11630 Xg
iLFR-8M2	Swing-out Rotor	6X2400ml	4200rpm	6180 Xg
iLFR-8M3	Swing-out Rotor	384 holes Vacuum blood collection tube	4000rpm	4710 Xg
iLFR-8M4	Angle Rotor	6X500ml	8000rpm	11860 Xg

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Product Description

- iLFR-6M Floor standing low speed refrigerated centrifuge machine is super centrifuge with max capacity 6*1000ml. It's ideal centrifuge for large capacity centrifugation.
- Imported high quality compressor is used in this centrifuge. We can set temperature between -20°C and 40°C. The temperature accuracy reaches up to $\pm 1^\circ\text{C}$.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- The centrifuge has variable protections such as over-speed, over-temp., imbalance and etc.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.
- Can centrifuge 210 vacuum blood collection tubes at the same time, the rotor fits long tubes and short tubes.

Floor Standing Low Speed Refrigerated Centrifuge iLFR-6M



Max Speed 6000rpm
Max Centrifugal Force 6880Xg
Speed Accuracy $\pm 10\text{rpm}$



Temp. Accuracy $\pm 1^\circ\text{C}$
Temp. range $-20^\circ\text{C} \sim 40^\circ\text{C}$
Temp. control PID dynamic



Max Capacity 6*1000ml(4500rpm)



Can store programs 12
Can store usage records 1000



Timing range 1min-99H59min/inching
Timing models Count or countdown



Noise $\leq 65\text{dB(A)}$



Dimension 850*730*930mm
(L*W*H)

Power Supply	AC 220V 50HZ 30A
Weight	260kg
Power	5500W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Can store programs	12 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	3 rotors

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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLFR-6M1	Angle Rotor	6X500ml	6000rpm	6880 Xg
iLFR-6M2	Swing-out Rotor	6X1000ml	4500rpm	5880 Xg
iLFR-6M3	Swing-out Rotor	210X2~7ml Vacuum blood	4200rpm	5180 Xg



**Floor Standing Low Speed Refrigerated Centrifuge
iLFR-5M**

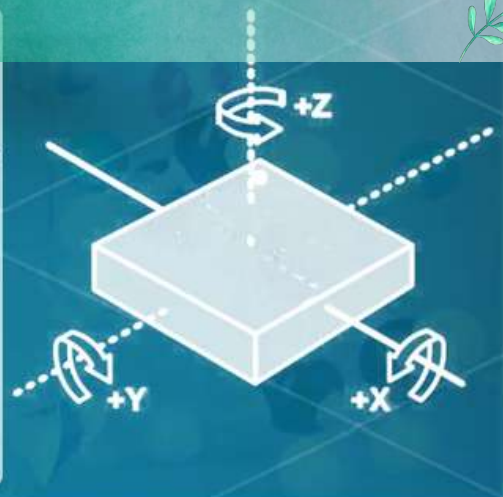
- **Product Description**
- iLFR-5M is floor standing low speed refrigerated centrifuge machine. It can fit variable swing out rotors for different tubes.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*800ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	650*550*840mm (L*W*H)
Weight	150kg
Power	1800W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Cold-Hot two-line control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	9 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLFR-5M1	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg
iLFR-5M2	bracket	4X100ml	5000rpm	4650 Xg
iLFR-5M3	bracket	4X50ml	5000rpm	4650 Xg
iLFR-5M4	Swing-out Rotor	Swing-out Rotor	4000rpm	2980 Xg
iLFR-5M5	bracket	8X50ml	4000rpm	2980 Xg
iLFR-5M6	bracket	8X100ml	4000rpm	2980 Xg
iLFR-5M7	bracket	24X15ml	4000rpm	2980 Xg
iLFR-5M8	bracket	32X15ml	4000rpm	2980 Xg
iLFR-5M9	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLFR-5M10	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLFR-5M11	b	4X250ml (With cover)	5000rpm	5200 Xg
iLFR-5M12	adaptor	4X50ml	5000rpm	5200 Xg
iLFR-5M13	adaptor	8X50ml	5000rpm	5200 Xg
iLFR-5M14	adaptor	4X100ml	5000rpm	5200 Xg
iLFR-5M15	adaptor	36X10ml	5000rpm	5200 Xg
iLFR-5M16	adaptor	40X7ml Vacuum blood collection tube	5000rpm	5200 Xg
iLFR-5M17	adaptor	20X15ml	5000rpm	5200 Xg
iLFR-5M18	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iLFR-5M19	Round hang up	4X500ml	4000rpm	3400 Xg
iLFR-5M20	adaptor	4X250ml	4000rpm	3400 Xg

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CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLFR-5M21	adaptor	12X50ml	4000rpm	3400 Xg
iLFR-5M22	adaptor	36X15ml	4000rpm	3400 Xg
iLFR-5M23	adaptor	76X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iLFR-5M24	Swing bucket rotor		4000rpm	3400 Xg
iLFR-5M25	adaptor	20X50ml	4000rpm	3400 Xg
iLFR-5M26	adaptor	40X15ml	4000rpm	3400 Xg
iLFR-5M27	adaptor	80X10ml Vacuum blood collection tube	4000rpm	3400 Xg
iLFR-5M28	adaptor	112X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iLFR-5M29	adaptor	100X1.5ml	4000rpm	3400 Xg
iLFR-5M30	Hang cup	148X5ml RIA tube	4000rpm	3400 Xg
iLFR-5M31	Hang cup	96X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iLFR-5M32	Microplate bracket	4X2X96holes	4000rpm	3400 Xg
iLFR-5M33	Swing-out Rotor	4X750ml	4000rpm	3400 Xg
iLFR-5M34	adaptor	12X100ml	4000rpm	3400 Xg
iLFR-5M35	adaptor	20X50ml	4000rpm	3500 Xg
iLFR-5M36	adaptor	56X15ml	4000rpm	3500 Xg
iLFR-5M37	adaptor	96X2~7ml	4000rpm	3500 Xg
iLFR-5M38	adaptor	148X5ml RIA tube	4000rpm	3500 Xg
iLFR-5M39	Swing-out Rotor	6X250ml	4000rpm	3500 Xg
iLFR-5M40	adaptor	60X2~7ml Vacuum blood collection tube	4000rpm	3500 Xg
iLFR-5M41	adaptor	42X10ml	4000rpm	3580 Xg
iLFR-5M42	adaptor	30X15ml	4000rpm	3580 Xg
iLFR-5M43	adaptor	6X50ml	4000rpm	3580 Xg
iLFR-5M44	adaptor	12X50ml Round bottom	4000rpm	3580 Xg
iLFR-5M45	adaptor	6X100ml	4000rpm	3580 Xg
iLFR-5M46	Swing-out Rotor	4X800ml square bucket	4000rpm	3580 Xg
iLFR-5M47	adaptor	140X2~7ml Vacuum blood collection tube	4000rpm	3580 Xg
iLFR-5M48	adaptor	28X50ml Conical bottom	4000rpm	3580 Xg
iLFR-5M49	adaptor	56X15ml Conical bottom	4000rpm	3580 Xg
iLFR-5M50	adaptor	96X10ml Vacuum blood collection tube	4000rpm	3580 Xg

Product Description

- The machine adopts brushless frequency conversion driving, liquid crystal display, stainless steel centrifugal chamber, electronic safe locks and protection for imbalance.
- Real-time rotate speed and time are displayed over time.
- Operation parameters of instruments can be modified in operation.
- It can store 12 operation procedures and there are 19 levels of acceleration and deceleration for your choice.
- It is widely used in radio-immunity, biochemistry, blood products, environmental protection and other research and manufacturing institutions.
- Particles with different density in the solution can be separated.

Max Speed	6000 r/min
Max Centrifugal Force	5200Xg
Max Capacity	4X750ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1-99 min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	650x550x840(LxWxH)mm
Weight	135 kg
Power	1800W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Cold-Hot two-line control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	9 rotors



**Floor Standing Low Speed
Centrifuge
iLF-60**

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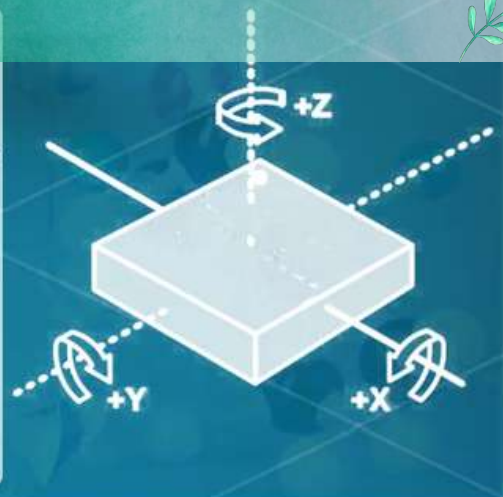
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLF-60	Swing-out Rotor	Swing-out Rotor	6000rpm	5200 Xg

Dual Life

iLF-50



Floor Standing Low Speed Centrifuge

iLF-50

Product Description

- iLF-50 is floor standing centrifuge with max capacity 4*750ml.
- It can fit variable swing out rotors. Can centrifuge normal tubes and bottles, vacuum blood collection tubes, 96 holes microplate and RIA tubes.
- A good centrifuge should has good quality parts and useful functions. All-steel body, stainless steel chamber, variable frequency motor and electric lid lock makes this centrifuge very strong, durable and safe. More useful functions such as setting RCF directly, storing 12 programs and 40 levels acceleration and deceleration rate. All above gives user safe and convenient operation.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*750ml(4000rpm)
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^\circ\text{C}$
Temp. range	$-20^\circ\text{C} \sim 40^\circ\text{C}$
Timing range	1min-99H59min/inching
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 15A
Dimension	650*550*840mm (L*W*H)
Weight	135 kg
Power	1100W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Cold-Hot two-line control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	27 rotors

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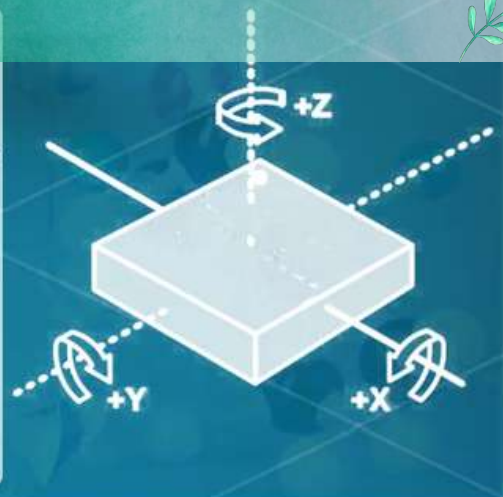
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLF-501	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg
iLF-502	bracket	4X100ml	5000rpm	4650 Xg
iLF-503	bracket	4X50ml	5000rpm	4650 Xg
iLF-504	Swing-out Rotor	4X50ml	4000rpm	2980 Xg
iLF-505	bracket	8X50ml	4000rpm	2980 Xg
iLF-506	bracket	8X100ml	4000rpm	2980 Xg
iLF-507	bracket	24X15ml	4000rpm	2980 Xg
iLF-508	bracket	32X15ml	4000rpm	2980 Xg
iLF-509	Swing-out Rotor	4X250ml With cover	5000rpm	5200 Xg
iLF-5010	adaptor	4X100ml	5000rpm	5200 Xg
iLF-5011	adaptor	20X15ml	5000rpm	5200 Xg
iLF-5012	adaptor	8X50ml	5000rpm	5200 Xg
iLF-5013	adaptor	4X50ml	5000rpm	5200 Xg
iLF-5014	adaptor	36X10ml	5000rpm	5200 Xg
iLF-5015	adaptor	40X7ml Vacuum blood collection tube	5000rpm	5200 Xg
iLF-5016	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLF-5017	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLF-5018	Microplate swing	2X3X96holes	4000rpm	1970 Xg
iLF-5019	Swing-out Rotor		4000rpm	3400 Xg
iLF-5020	Round hang up	4X500ml	4000rpm	3400 Xg

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CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLF-5021	adaptor	4X250ml	4000rpm	3400 Xg
iLF-5022	adaptor	12X50ml	4000rpm	3400 Xg
iLF-5023	adaptor	36X15ml	4000rpm	3400 Xg
iLF-5024	adaptor	76X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iLF-5025	Swing bucket rotor		4000rpm	3400 Xg
iLF-5026	adaptor	20X50ml	4000rpm	3400 Xg
iLF-5027	adaptor	40X15ml	4000rpm	3400 Xg
iLF-5028	adaptor	80X10ml Vacuum blood collection tube	4000rpm	3400 Xg
iLF-5029	adaptor	112X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iLF-5030	adaptor	100X1.5ml	4000rpm	3400 Xg
iLF-5031	5-3 Hang cup	148X5ml RIA tube	4000rpm	3400 Xg
iLF-5032	5-3 Hang cup	96X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iLF-5033	Microplate bracket	4X2X96 holes	4000rpm	3400 Xg
iLF-5034	Swing-out Rotor	4X750ml	4000rpm	3500 Xg
iLF-5035	adaptor	12X100ml	4000rpm	3500 Xg
iLF-5036	adaptor	20X50ml	4000rpm	3500 Xg
iLF-5037	adaptor	56X15ml	4000rpm	3500 Xg
iLF-5038	adaptor	96X2~7ml Vacuum blood collection tube	4000rpm	3500 Xg
iLF-5039	adaptor	148X5ml RIA tube	4000rpm	3500 Xg
iLF-6040	Swing-out Rotor (Only for DD-6000)	6X250ml	4000rpm	3580 Xg
iLF-6041	adaptor	6X100ml	4000rpm	3580 Xg
iLF-6042	adaptor	12X50ml Round bottom	4000rpm	3580 Xg
iLF-6043	adaptor	6X50ml	4000rpm	3580 Xg
iLF-6044	adaptor	30X15ml	4000rpm	3580 Xg
iLF-6045	adaptor	42X10ml	4000rpm	3580 Xg
iLF-6046	adaptor	60X2~7ml Vacuum blood collection tube	4000rpm	3580 Xg
iLF-6047	Swing-out Rotor (Only for DD-6000)	4X800ml Hang cup	4000rpm	3580 Xg
iLF-6048	adaptor	140X2~7ml Vacuum blood collection tube	4000rpm	3580 Xg
iLF-6049	adaptor	28X50ml	4000rpm	3580 Xg
iLF-6050	adaptor	96X10ml Vacuum blood collection tube	4000rpm	3580 Xg
iLF-6051	adaptor	56X15ml	4000rpm	3580 Xg
iLF-6052	Angle Rotor	12X15ml	6000rpm	5120 Xg
iLF-6053	Angle Rotor	6X50ml	6000rpm	5120 Xg

Product Description

- iLF-40 is floor standing low speed large capacity centrifuge machine. It can fit variable swing out rotors for different tubes, the max capacity is 4*1000ml.
- iLF-40 is designed for large capacity centrifugation, it can centrifuge four 1000ml bottles. And if you also need to centrifuge smaller capacity, just need to add adaptor in the large capacity rotor.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.

Max Speed	4000rpm
Max Centrifugal Force	3580Xg
Max Capacity	4*1000ml(3600rpm)
Speed Accuracy	± 10 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	-20 $^{\circ}\text{C}$ ~40 $^{\circ}\text{C}$
Timing range	1min-99H59min/inching
Noise	≤ 60 dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	650*550*840mm (L*W*H)
Weight	135 kg
Power	1100W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Cold-Hot two-line control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel

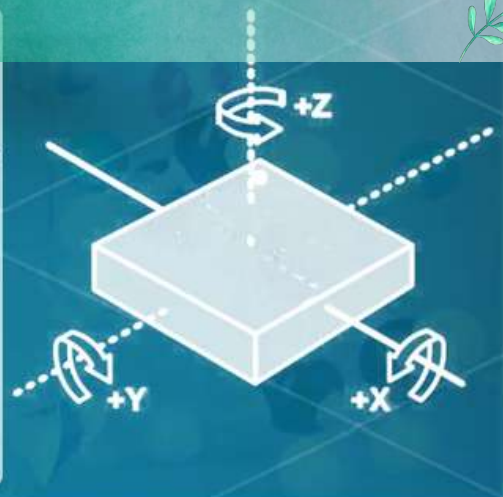


Floor Standing Low Speed Centrifuge
iLF-40

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLF-401	Swing-out Rotor	4X1000ml	3600rpm	3280 Xg
iLF-402	Swing-out Rotor	6X500ml	3600rpm	3030 Xg
iLF-403	Swing-out Rotor	4X500ml	4000rpm	3400 Xg
iLF-404	Swing-out Rotor	6X250ml	4000rpm	3580 Xg

Dual Life

iDR23

Product Description

- iDR23 is large capacity table top high speed refrigerated centrifuge.
- It can fit variable fixed angle rotors and adaptors, can centrifuge volume from 0.2ml to 750ml. Ideal for molecular biology, clinical medicine, inspection and quarantine, etc.
- Accurate temperature control is very important for a refrigerate centrifuge. This centrifuge can achieve $\pm 1^{\circ}\text{C}$ temperature accuracy because good quality compressor used in this centrifuge and PID dynamically controls temperature.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$
- Different from common rotor identification, RFID rotor recognition technology can know not only rotor's number and max speed, but also rotor's manufacturing date, usage, etc. It's very convenient for operator to manage the rotor.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or programs.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- Users can set five-step centrifugation. This function can meet diverse experimental requirements.



Benchtop High Speed Refrigerated Centrifuge

iDR23

Max Speed	23000rpm
Max Centrifugal Force	36960Xg
Max Capacity	4*750ml(4000rpm)
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1s-99H59min59s
Noise	$\leq 56\text{dB(A)}$
Power Supply	AC 220V 50HZ 15A
Dimension	600*680*420mm (L*W*H)
Weight	108kg
Power	1500W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	38 rotors

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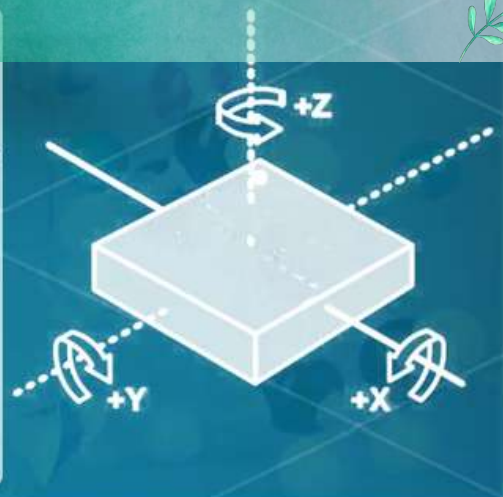
212-Platinum Plaza, Nr. VT Circle, Sarthana, Surat-395006

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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR231	Angle Rotor	12X1.5ml/2.2ml	23000rpm	36960 Xg
iDR232	Angle Rotor	12X5ml	18000rpm	26260 Xg
iDR233	Angle Rotor	24X1.5ml/2.2ml	16500rpm	26330 Xg
iDR234	Angle Rotor	12X10ml	15500rpm	22210 Xg
iDR235	Angle Rotor	36X1.5ml/2.2ml	15500rpm	22210 Xg
iDR236	Angle Rotor	6X50ml Round bottom	13000rpm	18420 Xg
iDR237	Angle Rotor	6X50ml Conical bottom	13000rpm	18420 Xg
iDR238	Angle Rotor	48X1.5ml/2.2ml	13000rpm	18420 Xg
iDR239	Angle Rotor	4X100ml	12000rpm	15870 Xg
iDR2310	Angle Rotor	8X50ml Round bottom	12000rpm	15870 Xg
iDR2311	Angle Rotor	8X50ml Conical bottom	12000rpm	15870 Xg
iDR2312	Angle Rotor	12X15ml	12000rpm	15870 Xg
iDR2313	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iDR2314	Swing-out Rotor	4X250ml	4500rpm	3720 Xg
iDR2315	Swing-out Rotor	4X500ml	4200rpm	3550 Xg
iDR2316	Swing-out Rotor	4X750ml	4000rpm	3500 Xg

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Product Description

- iDR21 is our star centrifuge. It is a high speed large capacity refrigerated centrifuge. The max speed of it is 21000rpm.
- The centrifuge is a multipurpose centrifuge, it can fit fixed angle rotors and swing out rotors.
- As our star centrifuge, we make sure all aspects of it is good. About the parts, we use variable frequency motor, LCD touch screen, steel body, 304SS chamber.
- About the technologies, RFID, PID temperature control, three axis gyroscope. About the functions, multi-step centrifugation, can store 1000 programs and use records and curve display. You will find more advantages when you use it.
- High quality imported compressor is used in this centrifuge, and PID dynamically controls temperature. We can set temperature between -20°C and 40°C. The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or programs.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.

Max Speed	21000rpm
Max Centrifugal Force	30810Xg
Max Capacity	4*750ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1s-99H59min59s
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600*680*420mm (L*W*H)
Weight	108kg
Power	1500W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	38 rotors

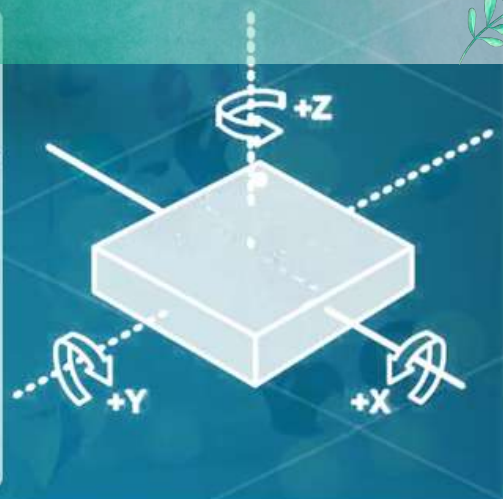


**Benchtop High Speed
Refrigerated Centrifuge
iDR21**

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR211	Angle Rotor	12X1.5ml/2.2ml	21000rpm	30810 Xg
iDR212	Angle Rotor	12X5ml	17000rpm	23430 Xg
iDR213	Angle Rotor	24X1.5ml/2.2ml	16500rpm	26330 Xg
iDR214	Angle Rotor	12X10ml	15000rpm	20800 Xg
iDR215	Angle Rotor	36X1.5ml/2.2ml	15000rpm	20800 Xg
iDR216	Angle Rotor	6X50ml Round bottom	13000rpm	18420 Xg
iDR217	Angle Rotor	6X50ml Conical bottom	13000rpm	18420 Xg
iDR218	Angle Rotor	48X1.5ml/2.2ml	13000rpm	18420 Xg
iDR219	Angle Rotor	4X100ml	11000rpm	13340 Xg
iDR2110	Angle Rotor	8X50ml Round bottom	11000rpm	13340 Xg
iDR2111	Angle Rotor	8X50ml Conical bottom	11000rpm	13340 Xg
iDR2112	Angle Rotor	12X15ml	11000rpm	13340 Xg
iDR2113	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iDR2114	Swing-out Rotor	4X250ml	4500rpm	3720 Xg
iDR2115	Swing-out Rotor	4X500ml	4200rpm	3550 Xg
iDR2116	Swing-out Rotor	4X750ml	4000rpm	3500 Xg

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Product Description

- iDR22 is benchtop high speed centrifuge, its max speed reaches up to 22000rpm. It can fit different fixed angle rotor capacity from 0.2ml to 100ml.
- As a refrigerated centrifuge, it supports setting temperature from -20°C to 40°C, and the temperature accuracy is as high as ±1°C.
- The max speed of this centrifuge is 22000rpm, it can meet high speed centrifugation requirement. This centrifuge has many advanced technologies such as RFID, three axis gyroscope, LCD touch screen and multi-step centrifugation. Its compact design can save place.
- The centrifuge will be your wise choice since it uses good quality parts, has more useful functions and is more intelligent.
- Good quality compressor and intelligent temperature control system controls temperature make temperature control fast and accurate. We can set temperature between -20°C and 40°C.
- The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm
- What is RFID? Just put down the rotor, no need to run, the centrifuge can know information of the rotor-max capacity, max speed, max RCF, manufacturing date and so on.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitor operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are displayed on the LCD touch screen with simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.



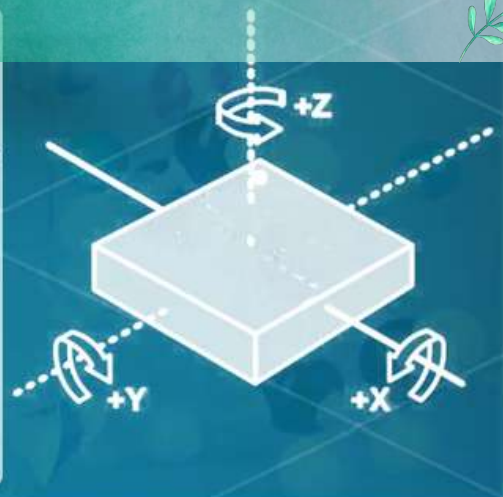
Benchtop High Speed Refrigerated Centrifuge iDR22

Max Speed	22000rpm
Max Centrifugal Force	33820Xg
Max Capacity	6*100ml(10000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1s-99H59min59s
Noise	≤57dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	420*520*360mm (L*W*H)
Weight	62kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	18 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR221	Angle Rotor	12X1.5ml/2.2ml	22000rpm	33820 Xg
iDR222	Angle Rotor	12X5ml	17000rpm	23430 Xg
iDR223	Angle Rotor	24X1.5/2.2ml	16000rpm	24760 Xg
iDR224	Angle Rotor	12X10ml	15000rpm	20800 Xg
iDR225	Angle Rotor	36X1.5ml/2.2ml	15000rpm	20800 Xg
iDR226	Angle Rotor	6X50ml Round bottom	13000rpm	18420 Xg
iDR227	Angle Rotor	6X50ml Conical bottom	13000rpm	18420 Xg
iDR228	Angle Rotor	48X1.5ml/2.2ml	13000rpm	18420 Xg
iDR229	Angle Rotor	4X100ml	11000rpm	13340 Xg
iDR2210	Angle Rotor	8X50ml Round bottom	11000rpm	13340 Xg
iDR2211	Angle Rotor	8X50ml Conical bottom	11000rpm	13340 Xg
iDR2212	Angle Rotor	12X15ml	11000rpm	13340 Xg
iDR2213	Angle Rotor	24X10ml	11000rpm	13340 Xg
iDR2214	Angle Rotor	6X10ml	16000rpm	18950 Xg
iDR2215	Angle Rotor	8X15ml	14000rpm	17310 Xg
iDR2216	Angle Rotor	6X30ml	14000rpm	14000rpm
iDR2217	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14640 Xg
iDR2218	Angle Rotor	6X100ml	10000rpm	12060 Xg

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- TGL-20 Benchtop high speed refrigerated centrifuge machine can fit fixed angle head rotor, in variable volumes ,the max capacity is 6*100ml.
- This centrifuge can meet your requirement of high speed centrifugation in refrigerated condition. For 1.5/2.2ml,it can centrifuge at most 48 tubes. The temperature range is between -20°Cand 40°C,and accuracy is ±1°C.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or parameters.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.

Max Speed	20000rpm
Max Centrifugal Force	27950Xg
Max Capacity	6*100ml(9000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1s-99H59min59s
Noise	≤57dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	420*520*360mm (L*W*H)
Weight	62kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	18 rotors

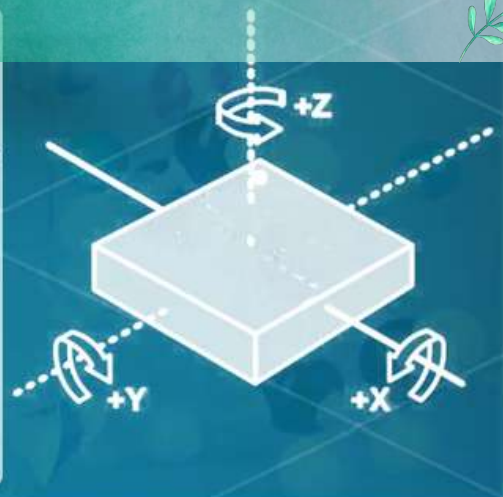


Benchtop High Speed Refrigerated Centrifuge iDR20

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR201	Angle Rotor	12X1.5ml/2.2ml	20000rpm	27950 Xg
iDR202	Angle Rotor	12X5ml	17000rpm	23430 Xg
iDR203	Angle Rotor	24X1.5/2.2ml	16000rpm	24760 Xg
iDR204	Angle Rotor	12X10ml	15000rpm	20800 Xg
iDR205	Angle Rotor	36X1.5ml/2.2ml	15000rpm	20800 Xg
iDR206	Angle Rotor	6X50ml Round bottom	12500rpm	17030 Xg
iDR207	Angle Rotor	6X50ml Conical bottom	12500rpm	17030 Xg
iDR208	Angle Rotor	48X1.5ml/2.2ml	12500rpm	17030 Xg
iDR209	Angle Rotor	4X100ml	11000rpm	13340 Xg
iDR2010	Angle Rotor	8X50ml Round bottom	11000rpm	13340 Xg
iDR2011	Angle Rotor	8X50ml Conical bottom	11000rpm	13340 Xg
iDR2012	Angle Rotor	12X15ml	11000rpm	13340 Xg
iDR2013	Angle Rotor	24X10ml	11000rpm	13340 Xg
iDR2014	Angle Rotor	6X10ml	16000rpm	18950 Xg
iDR2015	Angle Rotor	8X15ml	14000rpm	17310 Xg
iDR2016	Angle Rotor	6X30ml	14000rpm	17310 Xg
iDR2017	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14640 Xg
iDR2018	Angle Rotor	6X100ml	9000rpm	9770 Xg

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Product Description

- TGL-20 Benchtop high speed refrigerated centrifuge machine can fit fixed angle head rotors for variable volumes ,the max capacity is 6*100ml.
- This centrifuge can meet your requirement of high speed centrifugation in refrigerated condition. For 1.5/2.2ml,it can centrifuge at most 48 tubes. The temperature range is between -20°Cand 40°C,and accuracy is ±1°C.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or parameters.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.



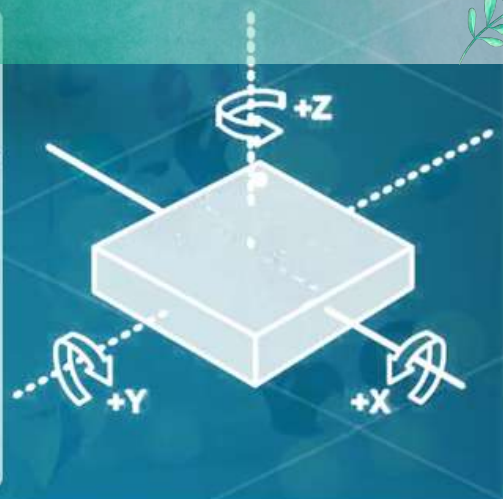
Benchtop High Speed Refrigerated Centrifuge iDR19

Max Speed	19000rpm
Max Centrifugal Force	25220Xg
Max Capacity	4*500ml(4200rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1s-99H59min59s
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600*680*420mm (L*W*H)
Weight	108kg
Power	1500W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	stainless steel
Matched rotors	31 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR191	Angle Rotor	12X1.5ml/2.2ml	19000rpm	25220 Xg
iDR192	Angle Rotor	12X5ml	17000rpm	23430 Xg
iDR193	Angle Rotor	24X1.5/2.2ml	16000rpm	24760 Xg
iDR194	Angle Rotor	12X10ml	14000rpm	18120 Xg
iDR195	Angle Rotor	36X1.5ml/2.2ml	14000rpm	18120 Xg
iDR196	Angle Rotor	6X50ml Round bottom	13000rpm	18420 Xg
iDR197	Angle Rotor	6X50ml Conical bottom	13000rpm	18420 Xg
iDR198	Angle Rotor	48X1.5ml	13000rpm	18420 Xg
iDR199	Angle Rotor	4X100ml	11000rpm	13340 Xg
iDR1910	Angle Rotor	8X50ml Round bottom	11000rpm	13340 Xg
iDR1911	Angle Rotor	8X50ml Conical bottom	11000rpm	13340 Xg
iDR1912	Angle Rotor	12X15ml	11000rpm	13340 Xg
iDR1913	Angle Rotor	6X10ml	16000rpm	18950 Xg
iDR1914	Microplate swing	2X3X96holes	4000rpm	1970 Xg
iDR1915	Swing-out Rotor	4X250ml	4500rpm	3720 Xg
iDR1916	Swing-out Rotor	4X500ml	4200rpm	3550 Xg
iDR2017	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14640 Xg
iDR2018	Angle Rotor	6X100ml	9000rpm	9770 Xg

Product Description

- iDR18 is high speed refrigerated centrifuge with max speed 18000rpm. It can fit fixed angle rotor for volume from 1.5ml to 100ml. This centrifuge uses imported high quality compressor, can set temperature from -20°C to 40°C.
- This centrifuge is strong and durable since it use all steel body.
- Imported high quality compressor makes good refrigerated performance with $\pm 1^{\circ}\text{C}$ accuracy.
- There are many useful functions, such as imbalance protection ,automatic rotor recognition ,can store 12 programs. With all those advantages, this centrifuge will be your good choice for high speed refrigerated centrifugation.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time ,we just need to choose the right program and then start.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.

Max Speed	18000rpm
Max Centrifugal Force	22500Xg
Max Capacity	6*100ml(9000rpm)
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	-20°C ~40°C
Timing range	1min-99H59min/inching
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 15A
Dimension	420*625*360mm (L*W*H)
Weight	55kg
Power	1200W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	Yes
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	stainless steel
Matched rotors	31 rotors



Benchtop High Speed Refrigerated Centrifuge iDR18

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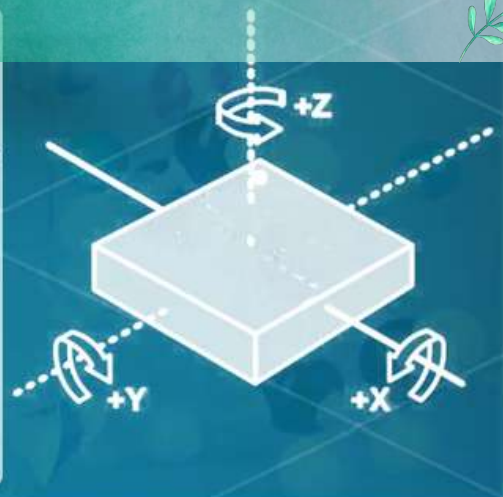
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR181	Angle Rotor	12X1.5ml/2.2ml	18000rpm	22500 Xg
iDR182	Angle Rotor	12X5ml	15000rpm	18270 Xg
iDR183	Angle Rotor	24X1.5/2.2ml	15000rpm	21630 Xg
iDR184	Angle Rotor	12X10ml	13000rpm	15620 Xg
iDR185	Angle Rotor	36X1.5ml/2.2ml	13000rpm	15620 Xg
iDR186	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iDR187	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iDR188	Angle Rotor	48X1.5ml/2.2ml	12000rpm	15970 Xg
iDR189	Angle Rotor	4X100ml	11000rpm	12870 Xg
iDR1810	Angle Rotor	8X50ml Round bottom	11000rpm	12870 Xg
iDR1811		8X50ml Conical bottom	11000rpm	12870 Xg
iDR1812	Angle Rotor	12X15ml	11000rpm	12870 Xg
iDR1813	Angle Rotor	24X10ml	11000rpm	12870 Xg
iDR1814	Angle Rotor	6X10ml	16000rpm	19070 Xg
iDR1815	Angle Rotor	8X15ml	13000rpm	15620 Xg
iDR1816	Angle Rotor	6X30ml	13000rpm	15620 Xg
iDR1817	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	17000 Xg
iDR1818	Angle Rotor	6X100ml	9000rpm	9770 Xg
iDR1819	Microplate swing	2X2X48holes	4000rpm	1500 Xg

DUAL LIFE SCIENCE PVT LTD

212-Platinum Plaza, Nr. VT Circle, Sarthana, Surat-395006

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Product Description

- iDR1650 is high speed refrigerated centrifuge with max speed 16500rpm, it can fit many kinds of fixed angle rotors and adaptors. It is suitable to high speed centrifugation from volume 0.2ml to 100ml. It is compact design, which can save laboratory place.
- This centrifuge use good quality parts such as variable frequency motor, all steel body and 304 SS chamber. It's a centrifuge with advanced technology such as RFID, three axis gyroscope, curve display and multi-step centrifugation.
- Good quality compressor and intelligent temperature control system controls temperature make temperature control fast and accurate. We can set temperature between -20°C and 40°C. The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.



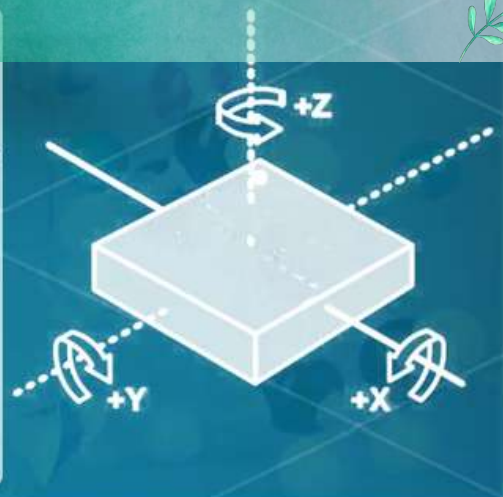
Benchtop High Speed Refrigerated Centrifuge iDR1650

Max Speed	16500rpm
Max Centrifugal Force	24760Xg
Max Capacity	6*100ml(9000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1s-99H59min59s
Noise	≤57dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	420*520*360mm (L*W*H)
Weight	62kg
Power	1200W
Motor	Variable frequency motor
Display	Touch-sensitive LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID rotor identification without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	18 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR16501	Angle Rotor	12X1.5ml/2.2ml	16500rpm	19000 Xg
iDR16502	Angle Rotor	12X5ml	16000rpm	20750 Xg
iDR16503	Angle Rotor	24X1.5/2.2ml	16000rpm	24760 Xg
iDR16504	Angle Rotor	12X10ml	14000rpm	18120 Xg
iDR16505	Angle Rotor	36X1.5ml/2.2ml	14000rpm	18120 Xg
iDR16506	Angle Rotor	6X50ml Round bottom	12000rpm	15700 Xg
iDR16507	Angle Rotor	6X50ml Conical bottom	12000rpm	15700 Xg
iDR16508	Angle Rotor	48X1.5ml/2.2ml	12000rpm	15700 Xg
iDR16509	Angle Rotor	4X100ml	11000rpm	13340 Xg
iDR165010	Angle Rotor	8X50ml Round bottom	11000rpm	13340 Xg
iDR165011	Angle Rotor	8X50ml Conical bottom	11000rpm	13340 Xg
iDR165012	Angle Rotor	12X15ml	11000rpm	13340 Xg
iDR165013	Angle Rotor	24X10ml	11000rpm	13340 Xg
iDR165014	Angle Rotor	6X10ml	16000rpm	18950 Xg
iDR165015	Angle Rotor	8X15ml	14000rpm	17310 Xg
iDR165016	Angle Rotor	6X30ml	14000rpm	17310 Xg
iDR165017	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14640 Xg
iDR165018	Angle Rotor	6X100ml	9000rpm	9770 Xg
iDR165019	Microplate swing	2X2X48holes	4000rpm	1500 Xg

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Product Description

- iDR16 is high speed centrifuge with refrigerated function. The max speed of it is 16500rpm. It can centrifuge tube from 0.5ml to 100ml. For 1.5ml/2.2ml tube, it can centrifuge at most 48 tubes. Common used tubes such as 10ml,15ml,50ml can be used in this centrifuge.
- In terms of the refrigerated function, this centrifuge adopts imported high quality centrifuge, the temperature accuracy reaches up to $\pm 1^{\circ}\text{C}$
- This centrifuge supports setting temperature between -20°C and 40°C , and the temperature accuracy is $\pm 1^{\circ}\text{C}$.
- This centrifuge has many useful functions, such as automatic rotor recognition, can store 12 programs and change parameters under operation.
- Good quality compressor and CFC-free refrigerants are used in this centrifuge. We can set temperature between -20°C and 40°C . The temperature accuracy reaches up to $\pm 1^{\circ}\text{C}$.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.

Max Speed	16500rpm
Max Centrifugal Force	21630Xg
Max Capacity	6*100ml(9000rpm)
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1s-99H59min59s
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 15A
Dimension	420*625*360mm (L*W*H)
Weight	55kg
Power	1200W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	12 programs
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID rotor identification without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	stainless steel
Matched rotors	18 rotors



**Benchtop High Speed
Refrigerated Centrifuge
iDR16**

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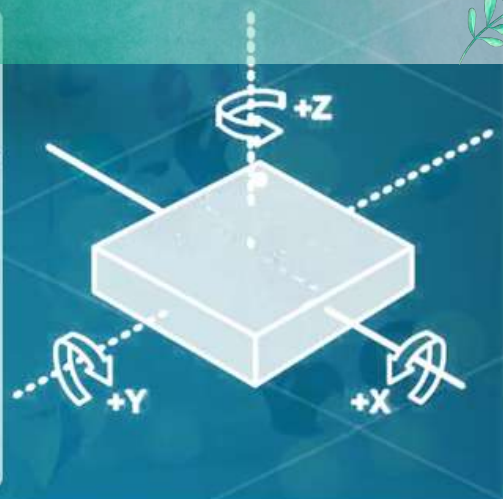
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR161	Angle Rotor	12X1.5ml/2.2ml	16500rpm	19000 Xg
iDR162	Angle Rotor	12X5ml	15000rpm	18270 Xg
iDR163	Angle Rotor	24X1.5/2.2ml	15000rpm	21630 Xg
iDR164	Angle Rotor	12X10ml	13000rpm	15620 Xg
iDR165	Angle Rotor	36X1.5ml/2.2ml	13000rpm	15620 Xg
iDR166	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iDR167	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iDR168	Angle Rotor	48X1.5ml/2.2ml	12000rpm	15970 Xg
iDR169	Angle Rotor	4X100ml	11000rpm	12870 Xg
iDR1610	Angle Rotor	8X50ml Round bottom	11000rpm	12870 Xg
iDR1611	Angle Rotor	8X50ml Conical bottom	11000rpm	12870 Xg
iDR1612	Angle Rotor	12X15ml	11000rpm	12870 Xg
iDR1613	Angle Rotor	24X10ml	11000rpm	12870 Xg
iDR1614	Angle Rotor	6X10ml	16000rpm	19070 Xg
iDR1615	Angle Rotor	8X15ml	13000rpm	15620 Xg
iDR1616	Angle Rotor	6X30ml	13000rpm	15620 Xg
iDR1617	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14460 Xg
iDR1618	Angle Rotor	6X100ml	9000rpm	9770 Xg
iDR1619	Microplate swing	2X2X48holes	4000rpm	1500 Xg

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Product Description

- iDR27 Benchtop high speed refrigerated centrifuge machine is designed for micro capacity, can fit fixed angle and speed rotors for 1.5/2.2ml, 5ml and 0.2ml. It is ideal centrifuge for biology, microbiology and PCR.
- This centrifuge is compact, which can save place. If you need a refrigerated centrifuge for micro capacity, this is your good choice. LCD touch screen is easy to use, variable frequency motor makes speed accurate and operation stable.
- Good quality compressor and CFC-free refrigerants are used in this centrifuge. We can set temperature between -10°C and 35°C. The temperature accuracy reaches up to $\pm 1^\circ\text{C}$.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- The door lock is self-priming, which is convenient and safe.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.



Benchtop High Speed Refrigerated Centrifuge iDR27

Max Speed	14000rpm
Max Centrifugal Force	18800Xg
Max Capacity	12*5ml
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^\circ\text{C}$
Temp. range	-10°C~35°C
Timing range	1min-999min59s
Noise	$\leq 58\text{dB(A)}$
Power Supply	AC 220V 50HZ 15A
Dimension	400*285*285mm (L*W*H)
Weight	19kg
Power	800W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	store programs commonly used
Can store usage records	12 programs
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID rotor identification without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	stainless steel
Matched rotors	3 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR27	Small high speed refrigerated	24×1.5ml Angle Rotor (with	14000rpm	18800 Xg

Product Description

- iDR28 Benchtop high speed refrigerated centrifuge machine is designed for micro capacity, can fit fixed angle and swing rotors for 1.5/2.2ml, 5ml and 0.2ml. It is ideal centrifuge for biology, microbiology and PCR.
- This centrifuge is compact, which can save place. If you need a refrigerated centrifuge for micro capacity, this is your good choice. LCD touch screen is easy to use, variable frequency motor makes speed accurate and operation stable.
- Good quality compressor and CFC-free refrigerants are used in this centrifuge. We can set temperature between -10°C and 35°C. The temperature accuracy reaches up to $\pm 1^\circ\text{C}$.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- The door lock is self-priming, which is convenient and safe.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.

Max Speed	15000rpm
Max Centrifugal Force	21630Xg
Max Capacity	12*5ml
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^\circ\text{C}$
Temp. range	-10°C~35°C
Timing range	1min-999min59s
Noise	$\leq 58\text{dB(A)}$
Power Supply	AC 220V 50HZ 15A
Dimension	400*285*285mm (L*W*H)
Weight	19kg
Power	800W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	store programs commonly used
Can store usage records	12 programs
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID rotor identification without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	stainless steel
Matched rotors	3 rotors

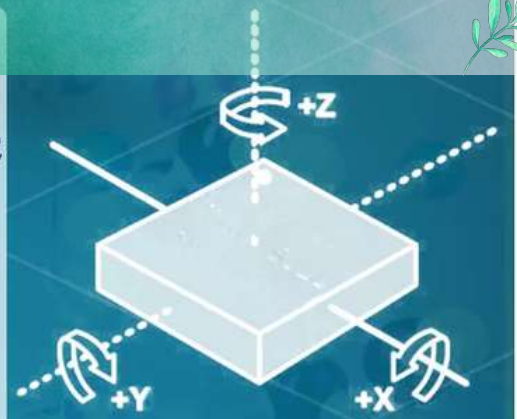


Benchtop High Speed Refrigerated Centrifuge iDR28

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF	
iDR28	2150	Small high speed refrigerated	24×1.5ml Angle Rotor (with	15000rpm	21630 Xg



Product Description

- iDR29 Benchtop high speed refrigerated centrifuge machine is for micro capacity, can fit fixed angle head rotors for 1.5/2.2ml, 5ml and 10ml
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.
- This centrifuge is designed for small capacity. It can match 5 rotors, can centrifuge capacity 1.5ml/2.2ml, 5ml and 10ml. For 1.5ml volume, it can centrifuge at most 48 tubes. The centrifuge adopts steel body, electronic lid lock and high quality compressor. It supports setting RCF directly, changing parameters under operation and storing 12 programs.



Benchtop High Speed Refrigerated Centrifuge iDR29

Max Speed	16500rpm
Max Centrifugal Force	21630Xg
Max Capacity	12*10ml(12000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C~40°C
Timing range	1min-99H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	420*625*360mm (L*W*H)
Weight	50kg
Power	1000W
Motor	Variable frequency motor
Display	Two displays
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12 programs
Can store usage records	12 programs
Adjustable acceleration and deceleration rate	40 levels
Temp.control	Intelligence temperature control system
Automatic rotor identification	RFID rotor identification without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	stainless steel
Matched rotors	5 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iDR2728291	Angle Rotor	12X1.5ml/2.2ml	16500rpm	19000Xg
iDR2728292	Angle Rotor	12X5ml	15000rpm	18270 Xg
iDR2728293	Angle Rotor	24X1.5ml/2.2ml	15000rpm	21630 Xg
iDR2728294	Angle Rotor	12x10ml	12000rpm	13310 Xg
iDR2728295	Angle Rotor	48x1.5/2.2ml	12000rpm	15970 Xg

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Dual Life

iD21



Benchtop High Speed Refrigerated Centrifuge iD21

Max Speed	21000rpm
Max Centrifugal Force	27800Xg
Max Capacity	6*100ml(8000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-9999min59s/inching/continuous
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	445*360*315mm (L*W*H)
Weight	29kg
Power	500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	19 rotors

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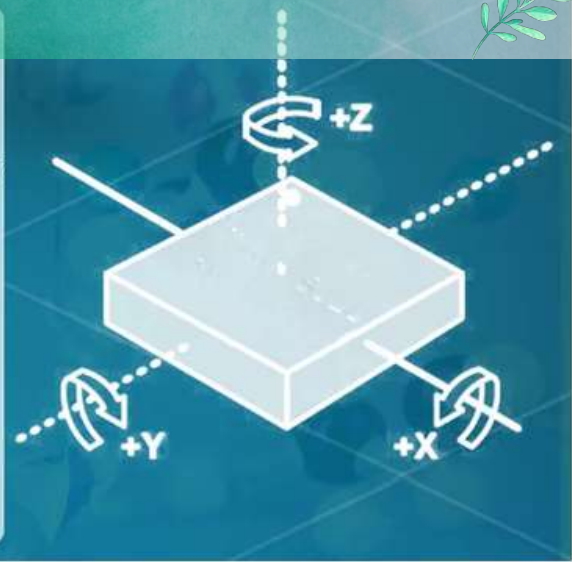
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF	
id21	Benchtop high speed centrifuge	Benchtop high speed centrifuge	21000rpm	30810Xg	30810Xg



Product Description

- iD20 is high speed centrifuge with max speed 20000rpm. It is new version, many things of it has been improved. This centrifuge has more competitive advantages. LCD touch screen, automatic rotor recognition, multi-step centrifuge, can store 1000 programs, etc. This centrifuge will give you better use experience.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor ,the last one is the best. It is low failure rate, eco-friendly ,maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- Put down the rotor and no need to operate, the centrifuge can identify the rotor. This function can prevent over-speed.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- If we know the Relative Centrifugal Force before operation,we can set RCF directly,no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed,RCF and time when the centrifuge is under operation, and we don't want to stop,we can reset parameters directly,no need to stop,just use your finger to change those numbers.



Benchtop High Speed Refrigerated Centrifuge iD20

Max Speed	20000rpm
Max Centrifugal Force	27800Xg
Max Capacity	6*100ml(8000rpm)
Speed Accuracy	± 10 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-9999min59s/inching/continuous
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	445*360*315mm (L*W*H)
Weight	29kg
Power	500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	19 rotors

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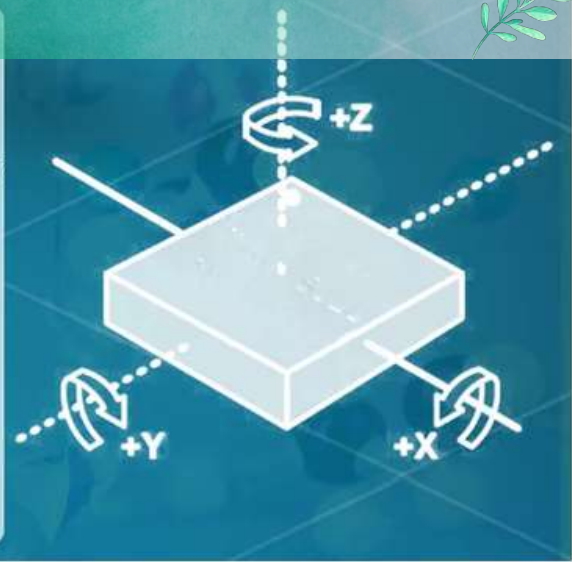
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF	
iD20	Benchtop high speed centrifuge	Benchtop high speed centrifuge	20000rpm	27800 Xg	30810Xg



Product Description

- iD17 is high speed centrifuge with max speed 17000rpm. Kinds of fixed angle rotor can be used in this centrifuge.
- It is suitable to the centrifugation from volume 1.5ml to 100ml. As an upgraded version, it has more useful functions compared with old version.
- Our company is always improving our products. We focus on research and development. Although this centrifuge is general purpose centrifuge without refrigerated function, we still spend energy and money to update it to make it better an better. We can see more useful functions in the new version.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- Put down the rotor and no need to operate, the centrifuge can identify the rotor. This function can prevent over-speed.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters,just touch the screen and input the numbers.
- If we know the Relative Centrifugal Force before operation,we can set RCF directly,no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed,RCF and time when the centrifuge is under operation, and we don't want to stop,we can reset parameters directly,no need to stop,just use your finger to change those numbers..
- In daily usage,we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.Usage records can be exported via USB.



Benchtop High Speed Refrigerated Centrifuge iD17

Max Speed	17000rpm
Max Centrifugal Force	24760Xg
Max Capacity	6*100ml(8000rpm)
Speed Accuracy	± 10rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-9999min59s/inching/continuous
Noise	≤ 60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	445*360*315mm (L*W*H) \
Weight	29kg
Power	500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope Whole-process dynamic monitoring system
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	19 rotors

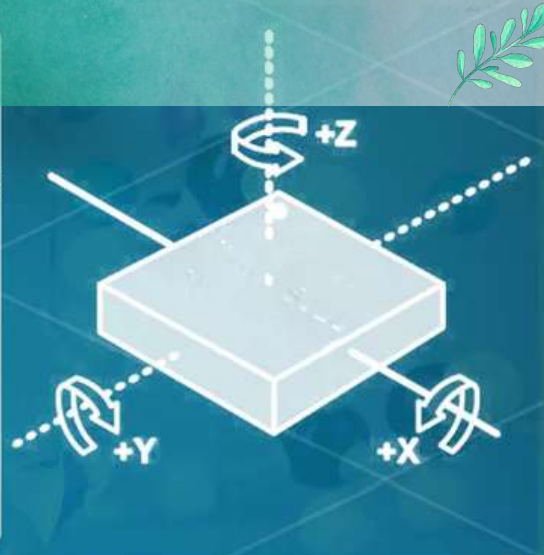
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THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iD212017291	Angle Rotor	12X1.5ml/2.2ml	12X1.5ml/2.2ml	30810 Xg
iD212017292	Angle Rotor	12X1.5ml/2.2ml	20000rpm	27800 Xg
iD212017293	Angle Rotor	12X1.5ml/2.2ml	17000rpm	20050 Xg
iD212017294	Angle Rotor	12X5ml	15000rpm	18270 Xg
iD212017295	Angle Rotor	24X1.5/2.2ml	13500rpm	18170 Xg
iD212017296	Angle Rotor	12X10ml	12500rpm	14000 Xg
iD212017297	Angle Rotor	36X1.5ml/2.2ml	12500rpm	14000 Xg
iD212017298	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iD212017299	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iD2120172910	Angle Rotor	48X1.5ml/2.2ml	12000rpm	15970 Xg
iD2120172911	Angle Rotor	4X100ml	10000rpm	10640 Xg
iD2120172912	Angle Rotor	8X50ml Round bottom	10000rpm	10640 Xg
iD2120172913	Angle Rotor	8X50ml Conical bottom	10000rpm	10640 Xg
iD2120172914	Angle Rotor	12X15ml	10000rpm	10640 Xg
iD2120172915	Angle Rotor	24X10ml	10000rpm	10640 Xg
iD2120172916	Angle Rotor	6X10ml	16000rpm	19070 Xg
iD2120172917	Angle Rotor	8X15ml	12500rpm	14300 Xg
iD2120172918	Angle Rotor	6X30ml	12500rpm	14300 Xg
iD2120172919	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14640 Xg
iD2120172920	Angle Rotor	6X100ml	8000rpm	7720 Xg
iD2120172921	Microplate swing	2X2X48holes	4000rpm	1500 Xg



Dual Life

iD1850

Product Description

- iD1850 is multipurpose large capacity high speed centrifuge. It can fit swing out rotors and fixed head rotors, the max capacity is 4*500ml. This centrifuge is also compatible with vacuum blood collection tube.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to $\pm 10\text{rpm}$.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- Put down the rotor and no need to operate, the centrifuge can identify the rotor. This function can prevent over-speed.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- If we know the Relative Centrifugal Force before operation we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose. This centrifuge can store 12 programs.



Benchtop High Speed Refrigerated Centrifuge iD1850

Max Speed	18500rpm
Max Centrifugal Force	23800Xg
Max Capacity	4*500ml(4000rpm)
Speed Accuracy	$\pm 10\text{rpm}$
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-9999min59s/inching/continuous
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	550*450*390mm (L*W*H)
Weight	60kg
Power	750W
Motor	Variable frequency motor
Display	LCD
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	12 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	19 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	34 rotors

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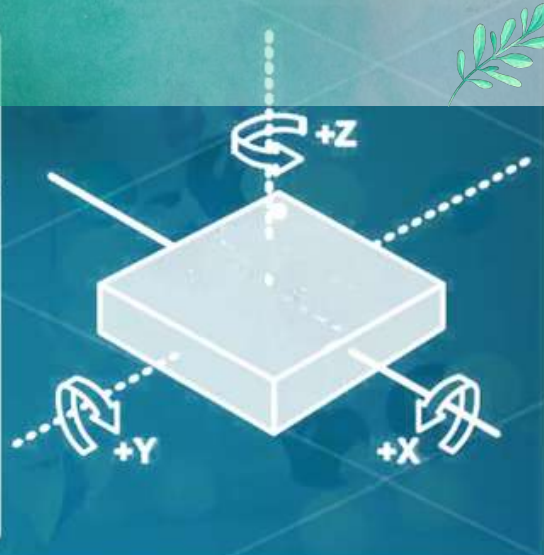
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iD18501	Angle Rotor	12X1.5ml/2.2ml	18500rpm	23800 Xg
iD18502	Angle Rotor	12X5ml	15000rpm	18270 Xg
iD18503	Angle Rotor	24X1.5ml/2.2ml	15000rpm	21630 Xg
iD18504	Angle Rotor	12X10ml	13000rpm	15620 Xg
iD18505	Angle Rotor	8X15ml	13000rpm	15620 Xg
iD18506	Angle Rotor	36X1.5ml/2.2ml	13000rpm	15620 Xg
iD18507	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iD18508	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iD18509	Angle Rotor	48X1.5ml	12000rpm	15970 Xg
iD185010	Angle Rotor	4X100ml	10000rpm	10640 Xg
iD185011	Angle Rotor	8X50ml Round bottom	10000rpm	10640 Xg
iD185012	Angle Rotor	8X50ml Conical bottom	10000rpm	10640 Xg
iD185013	Angle Rotor	12X15ml	10000rpm	10640 Xg
iD185014	Angle Rotor	24X10ml	10000rpm	10640 Xg
iD185015	Angle Rotor	6X100ml	8000rpm	7720 Xg
iD185016	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iD185017	Swing-out Rotor	4X250ml	4000rpm	3100 Xg
iD185018	Swing-out Rotor	4X500ml	4000rpm	3400 Xg

- Product Description
- iD18 Benchtop high speed centrifuge machine has fixed angle head rotors for variable volumes, the max capacity is 6*100ml. It adopts variable frequency motor, LCD touch screen and steel body.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records. Usage records can be exported via USB.
- This centrifuge is high speed centrifuge, its max speed is 18000rpm, and it can centrifuge volume 6*100ml at most. This centrifuge uses touch screen, user can set parameters just by touching the screen. There are many useful functions, such as can store 1000 programs and usage records, automatic rotor recognition, multi-step centrifugation, RCF can be set directly, etc. It can match 19 fixed angle head rotors.

Max Speed	18000rpm
Max Centrifugal Force	24760Xg
Max Capacity	6*100ml(8000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99min59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	445*360*315mm (L*W*H)
Weight	29kg
Power	500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	19 rotors

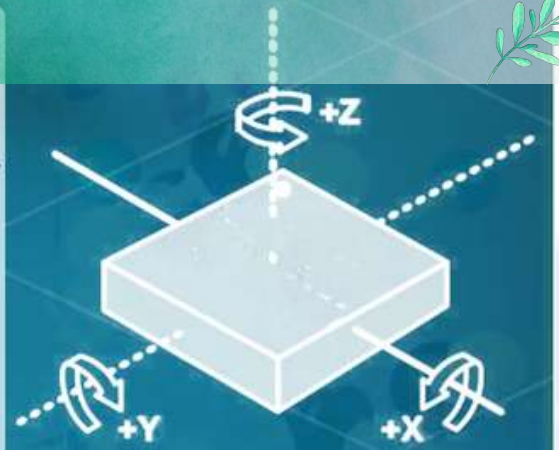


Benchtop High Speed Refrigerated Centrifuge iD18

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF	
iD18	Benchtop high speed centrifuge	Benchtop high speed centrifuge	20000rpm	27800 Xg	30810Xg

- Product Description
- iD16 Benchtop high speed centrifuge machine has fixed angle head rotors for variable volumes, the max capacity is 6*100ml. It adopts variable frequency motor, LCD touch screen and all steel body.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records. Usage records can be exported via USB.
- This centrifuge is updated version. We can see many new things in this version, such LCD touch screen, three axis gyroscope, automatic rotor recognition. With this new version centrifuge, users can have better centrifugal experience.



**Benchtop High Speed
Refrigerated Centrifuge
iD16**

Max Speed	16500rpm
Max Centrifugal Force	24760Xg
Max Capacity	6*100ml(8000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1s-99H59min59s
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	445*360*315mm (L*W*H)
Weight	29kg
Power	500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	19 rotors

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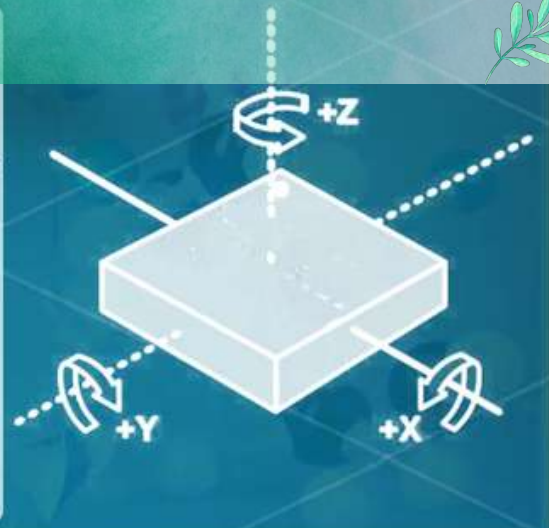
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iD18161	Angle Rotor	12X1.5ml/2.2ml	18000rpm	22500 Xg
iD18162	Angle Rotor	12X1.5ml/2.2ml	16500rpm	19000 Xg
iD18163	Angle Rotor	12X5ml	15000rpm	18270 Xg
iD18164	Angle Rotor	24X1.5/2.2ml	13000rpm	16850 Xg
iD18165	Angle Rotor	12X10ml	12000rpm	12900 Xg
iD18166	Angle Rotor	36X1.5ml/2.2ml	12000rpm	12900 Xg
iD18167	Angle Rotor	6X50ml Round bottom	12000rpm	15970 Xg
iD18168	Angle Rotor	6X50ml Conical bottom	12000rpm	15970 Xg
iD18169	Angle Rotor	48X1.5ml/2.2ml	12000rpm	15970 Xg
iD181610	Angle Rotor	4X100ml	10000rpm	10640 Xg
iD181611	Angle Rotor	8X50ml Round bottom	10000rpm	10640 Xg
iD181612	Angle Rotor	8X50ml Conical bottom	10000rpm	10640 Xg
iD181613	Angle Rotor	12X15ml	10000rpm	10640 Xg
iD181614	Angle Rotor	24X10ml	10000rpm	10640 Xg
iD181615	Angle Rotor	6X10ml	16000rpm	19070 Xg
iD181616	Angle Rotor	8X15ml	12500rpm	14300 Xg
iD181617	Angle Rotor	6X30ml	12500rpm	14300 Xg
iD181618	Angle Rotor	4*8*0.2ml PCR tubes	13000rpm	14640 Xg
iD181619	Angle Rotor	6X100ml	8000rpm	7720 Xg



Dual Life

iD16s

- Product Description
- iD16s Benchtop high speed micro capacity centrifuge machine has two fixed angle head rotors: 12*1.5ml/2.2ml and 10*5ml.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and stainless steel.
- Digital display Speed, RCF and Time.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.



**Benchtop High Speed
Refrigerated Centrifuge
iD16s**

Max Speed	16000rpm
Max Centrifugal Force	17800Xg
Max Capacity	10*5ml(15000rpm)
Speed Accuracy	±20rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99min
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 5A
Dimension	305*250*200mm (L*W*H)
Weight	12.5kg
Power	200W
Motor	Variable frequency motor
Display	Digital
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	2 rotors

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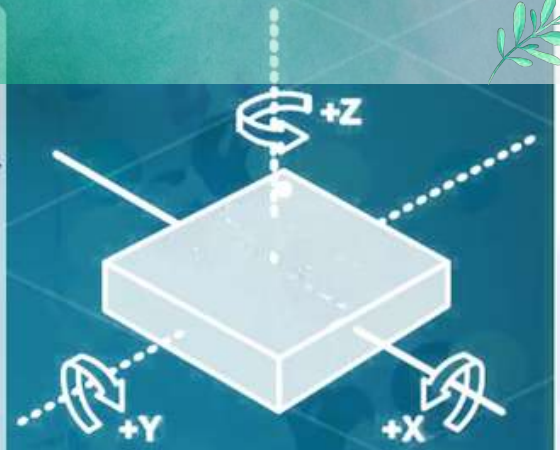
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iD16s1	Angle Rotor	12X1.5ml/2.2ml	16000rpm	17800 Xg
iD16s2	Angle Rotor	10X5ml	15000rpm	16380 Xg



Product Description

- iD15 Benchtop high speed micro capacity centrifuge machine has two fixed angle head rotors: 24*1.5ml, 2ml and 4*8*0.2ml. It adopts variable frequency motor and can store 12 programs.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best.
- It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 20 rpm.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.
- This centrifuge is specially designed for small capacity centrifugation. The centrifuge uses variable frequency motor which has good performance. If you just need to centrifuge 1.5ml/2.2ml tube ,this centrifuge is a good choice.



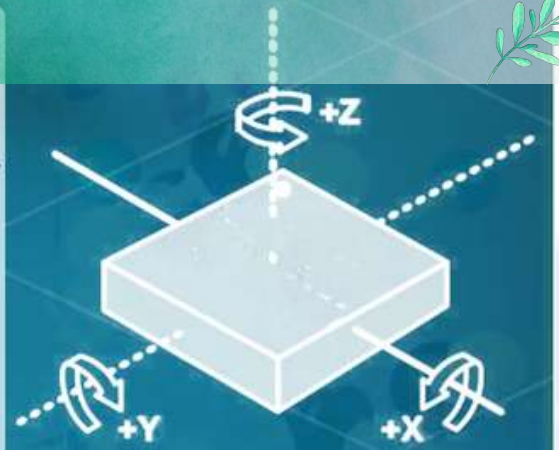
Benchtop High Speed Refrigerated Centrifuge iD15

Max Speed	5000rpm
Max Centrifugal Force	4650Xg
Max Capacity	8*100ml(4000rpm)
Speed Accuracy	± 10rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim -40^{\circ}\text{C}$
Timing range	1min-99min59s/inching
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	550*430*350mm
Weight	40kg
Power	500W
Motor	Variable frequency motor
Display	Digital
Parameters setting	Digital input directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	8 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iD151	Angle Rotor	24X1.5ml/2.2ml	15000rpm	21630 Xg
iD152	Angle Rotor	4X8X0.2ml PCR tubes	15000rpm	19600xg



Dual Life

iLR-6M

Product Description

- iLR-6M is low speed refrigerated centrifuge with max speed 6000rpm for large capacity centrifugation, can fit variable swing out rotors and adaptors for max volume 750ml. There are kinds of rotors for vacuum blood collection tubes, can centrifuge 112 holes at most. The biosafety rotor 76*2-7ml can be chosen.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation , users can set password to lock the centrifuge or parameters.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- The centrifuge has 22 kinds of protections, such as lid, over-speed, over-temp, over-heat. It will alarm by sound and text and show relative solution.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.
- The centrifuge has electronic instruction manual, which will never be lost and can be used anytime.



**Benchtop Low Speed
Refrigerated Centrifuge
iLR-6M**

Max Speed	6000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*750ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99H59min/inching
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600*680*420mm (L*W*H)
Weight	108kg
Power	1500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protections
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	36 rotors

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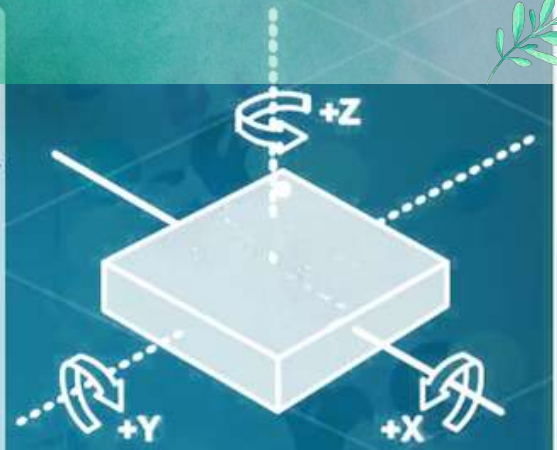
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLR-6M	Benchtop low speed refrigerated centrifuge	Benchtop low speed refrigerated centrifuge 6000rpm 5200 Xg	6000rpm	5200 Xg



Dual Life

iLR-5M

Product Description

- iLR-5M Benchtop low speed large capacity refrigerated centrifuge machine can fit swing out bucket rotors for variable volumes, the max capacity is 4*750ml. It is also compatible with vacuum blood collection tubes, and has a biosafety rotor for 2-7ml blood tubes.
- This centrifuge can meet your large capacity centrifugation requirement. No matter you need to centrifuge common used tubes ,vacuum blood collection tubes and 96 holes micro plate, this centrifuge can do. And a large capacity rotor with adaptors can centrifuge large capacity and small centrifuge without changing rotor.
- For the refrigerated function, the lowest temperature is -20°C, and the accuracy is ±1°C
- Good quality compressor is used in this centrifuge , and PID dynamically controls temperature. We can set temperature between -20°Cand 40°C. The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or parameters.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- The centrifuge has 22 kinds of protections, such as lid, over-speed, over-temp, over-heat. It will alarm by sound and text and show relative solution.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.
- The centrifuge has electronic instruction manual, which will never be lost and can be used anytime.



**Benchtop Low Speed
Refrigerated Centrifuge
iLR-5M**

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*750ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99H59min/inching
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600*680*420mm (L*W*H)
Weight	108kg
Power	1500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protections
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	34 rotors

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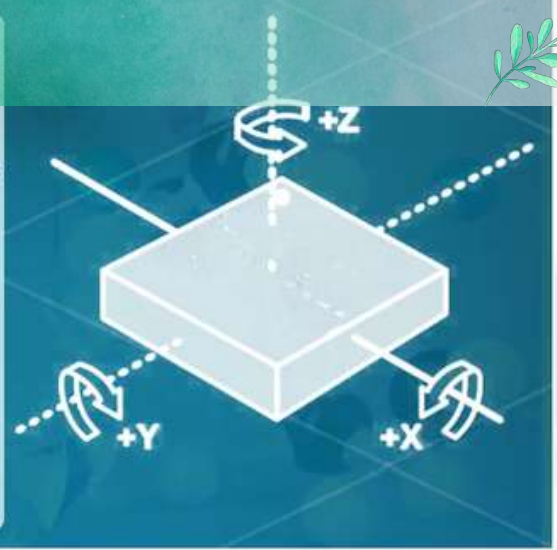
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLR-6M5M1	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg
iLR-6M5M2	bracket	4X100ml	5000rpm	4650 Xg
iLR-6M5M3	bracket	4X50ml	5000rpm	4650 Xg
iLR-6M5M4	Swing-out Rotor		4000rpm	2980 Xg
iLR-6M5M5	bracket	8X50ml	4000rpm	2980 Xg
iLR-6M5M6	bracket	8X100ml	4000rpm	2980 Xg
iLR-6M5M7	bracket	24X15ml	4000rpm	2980 Xg
iLR-6M5M8	bracket	32X15ml	4000rpm	2980 Xg
iLR-6M5M9	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLR-6M5M10	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLR-6M5M11	Swing-out Rotor	4X250ml With cover	5000rpm	5200 Xg
iLR-6M5M12	adaptor	4X100ml	5000rpm	5200 Xg
iLR-6M5M13	adaptor	20X15ml	5000rpm	5200 Xg
iLR-6M5M14	adaptor	8X50ml	5000rpm	5200 Xg
iLR-6M5M15	adaptor	4X50ml	5000rpm	5200 Xg
iLR-6M5M16	adaptor	36X10ml	5000rpm	5200 Xg
iLR-6M5M17	adaptor	40X7ml Vacuum blood collection tube	5000rpm	5200 Xg
iLR-6M5M18	Microplate swing	2X3X96holes	4000rpm	1970 Xg
iLR-6M5M19	Swing-out Rotor	Swing-out Rotor	4200rpm	3550 Xg



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLR-6M5M20	Round hang up	4X500ml	4200rpm	3550 Xg
iLR-6M5M21	adaptor	4X250ml	4200rpm	3550 Xg
iLR-6M5M22	adaptor	12X50ml	4200rpm	3550 Xg
iLR-6M5M23	adaptor	36X15ml	4200rpm	3550 Xg
iLR-6M5M24	adaptor	76X2~7ml Vacuum blood collection tube	4200rpm	3550 Xg
iLR-6M5M25	Swing bucket rotor	Swing bucket rotor	4200rpm	3550 Xg
iLR-6M5M26	adaptor	20X50ml	4200rpm	3550 Xg
iLR-6M5M27	adaptor	40X15ml	4200rpm	3550 Xg
iLR-6M5M28	adaptor	80X10ml Vacuum blood collection tube	4200rpm	3550 Xg
iLR-6M5M29	adaptor	112X2~7ml Vacuum blood collection tube	4200rpm	3550 Xg
iLR-6M5M30	adaptor	100X1.5ml	4200rpm	3550 Xg
iLR-6M5M31	Round hang up	148X5ml RIA tube	4200rpm	3550 Xg
iLR-6M5M32	Round hang up	96X2~7ml Vacuum blood collection tube	4200rpm	3550 Xg
iLR-6M5M33	Microplatebracket	4X2X96 holes	4200rpm	3550 Xg
iLR-6M5M34	Swing-out Rotor	4X250ml Conical bottom	4000rpm	3400 Xg
iLR-6M5M35	Swing-out Rotor	4X750ml	4000rpm	3500 Xg
iLR-6M5M36	adaptor	12X100ml	4000rpm	3500 Xg
iLR-6M5M37	adaptor	20X50ml	4000rpm	3500 Xg
iLR-6M5M38	adaptor	56X15ml	4000rpm	3500 Xg
iLR-6M5M39	adaptor	96X2~7ml Vacuum blood collection tube	4000rpm	3500 Xg
iLR-6M5M40	adaptor	148X5ml RIA tube	4000rpm	3500 Xg
iLR-6M5M41	Swing-out Rotor	6X250ml	4000rpm	3580 Xg
iLR-6M5M42	adaptor	6X100ml	4000rpm	3580 Xg
iLR-6M5M43	adaptor	12X50ml Round bottom	4000rpm	3580 Xg
iLR-6M5M44	adaptor	6X50ml	4000rpm	3580 Xg
iLR-6M5M45	adaptor	30X15ml	4000rpm	3580 Xg
iLR-6M5M46	adaptor	42X10ml	4000rpm	3580 Xg
iLR-6M5M47	adaptor	60X2~7ml Vacuum blood collection tube	4000rpm	3580 Xg
iLR-6M5M48	Angle Rotor	12X15ml	6000rpm	5120 Xg
iLR-6M5M49	Angle Rotor	6X50ml	6000rpm	5120 Xg

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Product Description

- iLR-55 Benchtop low speed large capacity refrigerated centrifuge machine can fit swing out bucket rotors for variable volumes, the maximum capacity is 4*750ml. It is also compatible with vacuum blood collection tubes, and has a biosafety rotor for 2-7ml blood tubes.
- This centrifuge can meet your large capacity centrifugation requirement. No matter you need to centrifuge common used tubes ,vacuum blood collection tubes and 96 holes micro plate, this centrifuge can do. And a large capacity rotor with adaptors can centrifuge large capacity and small centrifuge without changing rotor.
- For the refrigerated function, the lowest temperature is -20°C, and the accuracy is ±1°C
- Good quality compressor is used in this centrifuge , and PID dynamically controls temperature. We can set temperature between -20°Cand 40°C. The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or parameters.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- The centrifuge has 22 kinds of protections, such as lid, over-speed, over-temp, over-heat. It will alarm by sound and text and show relative solution.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.
- The centrifuge has electronic instruction manual, which will never be lost and can be used anytime.

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*750ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99H59min/inching
Noise	≤56dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	600*680*420mm (L*W*H)
Weight	108kg
Power	1500W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protections
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	34 rotors



Benchtop Low Speed Refrigerated Centrifuge iLR-550

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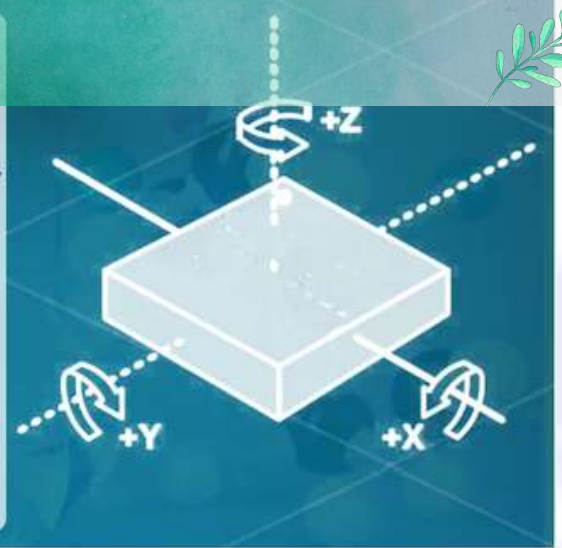
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLR-551	Swing-out Rotor	4X50ml	5000rpm	3910xg
iLR-552	Swing-out Rotor	16X10ml	4500rpm	3170xg
iLR-553	Angle Rotor	12X15ml	5500rpm	4300xg



Dual Life

iLR-6

Product Description

- iLR-6 is a low speed centrifuge with refrigerated function. The max capacity of it is 4*250ml. It can fit kinds of swing out rotors and adaptor. And it can also use fixed angle rotor.
- This centrifuge is an ideal centrifuge for general purpose centrifugation and requires refrigerated function. It can centrifuge at most 64 holes vacuum blood collection tube. This is an intelligent centrifuge with many advanced functions, such as LCD touch screen, can store 1000 programs and use records, and 22 kinds of protections.
- Good quality compressor is used in this centrifuge, and PID dynamically controls temperature. We can set temperature between -20°C and 40°C. The temperature accuracy reaches up to ±1°C.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ±10rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance. Once detecting abnormal shaking, the centrifuge will stop operation and alarm.
- Things are display on the LCD touch screen simplicity and clarity. When we want to set parameters, just touch the screen and input the numbers.
- When the centrifuge is under operation, temperature curve, speed curve and RCF curve will display on the the screen, the change of parameters is obvious.
- To prevent misoperation, users can set password to lock the centrifuge or parameters.
- In daily usage, we may need to set different parameters for different purpose or store usage record for future use. This centrifuge can store as much as 1000 programs and 1000 usage records.
- The centrifuge has 22 kinds of protections, such as lid, over-speed, over-temp, over-heat. It will alarm by sound and text and show relative solution.
- This centrifuge supports multi-step centrifugation, users can store 5 programs of multi-step centrifugation.
- The centrifuge has electronic instruction manual, which will never be lost and can be used anytime.
- This centrifuge is an ideal centrifuge for general purpose centrifugation and requires refrigerated function. It can centrifuge at most 64 holes vacuum blood collection tube. This is an intelligent centrifuge with many advanced functions, such as LCD touch screen, can store 1000 programs and use records, and 22 kinds of protections. The centrifuge has good refrigerated performance since it adopts high quality compressor and PID temperature control. In addition to normal tubes, the centrifuge can also centrifuge 250ml bottle, and adaptors for 50ml, 100ml, 10ml, 15ml, 7ml can be used in this 4*250ml rotor.



Benchtop Low Speed Refrigerated Centrifuge

iLR-6

Max Speed	6000rpm
Max Centrifugal Force	5120Xg
Max Capacity	4*250ml(4000rpm)
Speed Accuracy	±10rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99H59min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 15A
Dimension	640*560*390mm (L*W*H)
Weight	80kg
Power	1200W
Motor	Variable frequency motor
Display	LCD touch screen
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	1000
Can store usage records	1000
Adjustable acceleration and deceleration rate	40 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	Stainless steel
Matched rotors	11 rotors

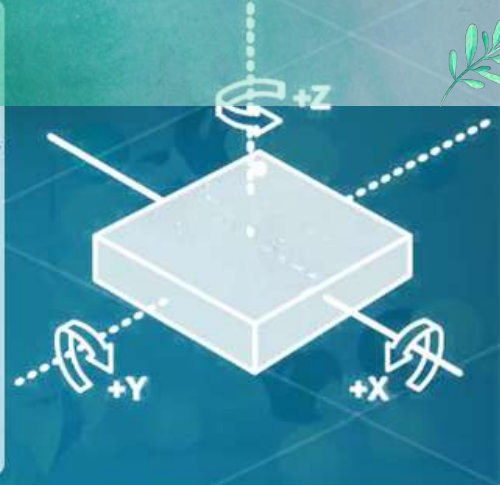
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THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iLR-61	Swing-out Rotor	-	5000rpm	4650 Xg
iLR-62	bracket	4X100ml	5000rpm	4650 Xg
iLR-63	bracket	4X50ml	5000rpm	4650 Xg
iLR-64	Swing-out Rotor	Rotor	4000rpm	2980 Xg
iLR-65	bracket	8X50ml	4000rpm	2980 Xg
iLR-66	bracket	8X100ml	4000rpm	2980 Xg
iLR-67	bracket	24X15ml	4000rpm	2980 Xg
iLR-68	bracket	32X15ml	4000rpm	2980 Xg
iLR-69	Swing-out Rotor	4X250ml	4000rpm	2980 Xg
iLR-610	adaptor	4X100ml	4000rpm	2980 Xg
iLR-611	adaptor	20X15ml	5000rpm	5200 Xg
iLR-612	adaptor	8X50ml	5000rpm	5200 Xg
iLR-613	adaptor	4X50ml	5000rpm	5200 Xg
iLR-614	adaptor	36X10ml	5000rpm	5200 Xg
iLR-615	adaptor	40X7ml Vacuum blood collection tube	5000rpm	5200 Xg
iLR-616	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iLR-617	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	5000rpm	5200 Xg
iLR-618	Microplate swing out rotor	2X3X96 holes	4000rpm	1970 Xg
iLR-619	Angle Rotor	12X15ml	6000rpm	5120 Xg
iLR-620	Angle Rotor	6X50ml	6000rpm	5120 Xg

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- iL-60 is a low speed centrifuge that can fit kinds of rotors. It can fit swing out rotors for tube 15ml and 50ml. Although it's a low speed centrifuge, it can use fixed angle rotors for tube 15ml and 50ml. This centrifuge also supports centrifugation of vacuum blood collection tubes, the 24*7ml vacuum blood collection tube rotor can be used.
- This centrifuge is a common general purpose centrifuge, but it has good quality and functions. All steel body makes it strong and stable. Electronic lid lock gives safe operation. RCF can be set directly, even parameters can be changed under operation.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock, and use an independent motor to control it.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.

Max Speed	6000rpm
Max Centrifugal Force	5120Xg
Max Capacity	6*50ml(6000rpm)
Speed Accuracy	±30rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99min59s/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	480*390*320mm (L*W*H)
Weight	28kg
Power	400W
Motor	Variable frequency motor
Display	Digital display
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	6 rotors

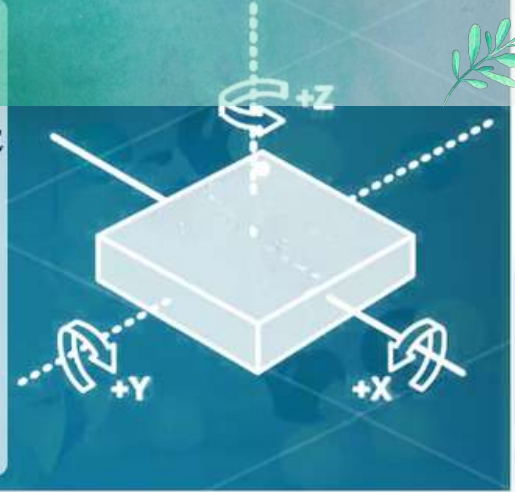


Benchtop Low Speed Centrifuge
iL-60

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-601	Angle Rotor	12X15ml	6000rpm	5120 Xg
iL-60	Angle Rotor	6X50ml		
iL-602	Swing-out Rotor	24X7ml Vacuum blood collection tube	5000rpm	4000 Xg
iL-603	Swing-out Rotor	16X15ml	5000rpm	4620 Xg
iL-604	Swing-out Rotor	8X15ml		
iL-605	Swing-out Rotor	4X50ml	4000rpm	2690 Xg

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iL-50



**Benchtop Low Speed
Centrifuge
iL-50**

Product Description

- iL-50 Desktop low speed lab centrifuge machine has swing out rotors and fixed angle head rotors. It can fit tubes 15ml, 50ml and vacuum blood collection tubes.
- For centrifuge 15ml and 50ml, we can choose fixed angle rotor or swing out rotor. We can also choose rotor for vacuum blood collection tube, it can centrifuge 24 tubes. The centrifuge is safe to use since it uses all steel body and stainless steel chamber. Can change parameters under operation.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock, and use an independent motor to control it.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.

Max Speed	5000rpm
Max Centrifugal Force	4620Xg
Max Capacity	6*50ml(5000rpm)
Speed Accuracy	±30rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99min59s/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	480*390*320mm (L*W*H)
Weight	28kg
Power	400W
Motor	Variable frequency motor
Display	Digital display
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	6 rotors

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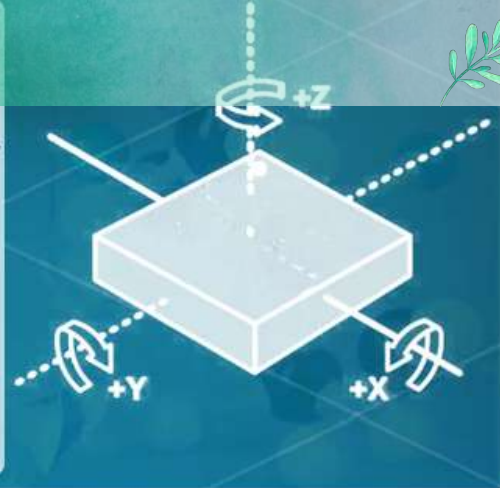
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-501	Angle Rotor	12X15ml	5000rpm	3550 Xg
iL-50	Angle Rotor	6X50ml	5000rpm	3550 Xg
iL-502	Swing-out Rotor	24X7ml Vacuum blood collection tube	5000rpm	4000 Xg
iL-503	Swing-out Rotor	16X15ml	5000rpm	4620 Xg
iL-504	Swing-out Rotor	8X15ml		
iL-505	Swing-out Rotor	4X50ml	4000rpm	2690 Xg



Dual Life

iL-6M

Product Description

- iL-6M Desktop low speed lab centrifuge machine has swing out rotors and fixed angle head rotors. It can fit tubes 15ml, 50ml and vacuum blood collection tubes.
- For centrifuge 15ml and 50ml, we can choose fixed angle rotor or swing out rotor. We can also choose rotor for vacuum blood collection tube, it can centrifuge 24 tubes. The centrifuge is safe to use since it uses all steel body and stainless steel chamber. Can change parameters under operation.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock, and use an independent motor to control it.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4x500ml(4000rpm)
Speed Accuracy	±20r/min
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1~99 min/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	550x450x365(LxWxH)mm
Weight	53 kg
Power	400W
Motor	Variable frequency motor
Display	Digital display
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	6 rotors



**Benchtop Low Speed
Centrifuge
iL-6M**

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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-6M	Benchtop low speed large capacity centrifuge	Benchtop low speed large capacity centrifuge	6000rpm	5200 Xg



Dual Life

iL-5M

Product Description

- iL-5M is low speed large capacity centrifuge. It can centrifuge common used tubes such as 15ml, 50ml, 100ml. It can also centrifuge vacuum blood collection tube, 48/64/76/80/112 holes. And if need centrifuge blood tube in biosafety cabinet, we can choose 76 holes biosafety rotor.
- This centrifuge is an ideal centrifuge if you need to centrifuge large capacity and small capacity. The rotor can centrifuge 500ml bottles, and also can use adaptor of 15ml, 50ml and blood tube, one rotor with adaptors can almost meet your requirements.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitor operation balance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 SS.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.



**Benchtop Low Speed
Centrifuge
iL-5M**

Max Speed	5000rpm
Max Centrifugal Force	4620Xg
Max Capacity	6*50ml(5000rpm)
Speed Accuracy	± 30rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-99min59s/inching
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	480*390*320mm (L*W*H)
Weight	28kg
Power	400W
Motor	Variable frequency motor
Display	Digital display
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	6 rotors

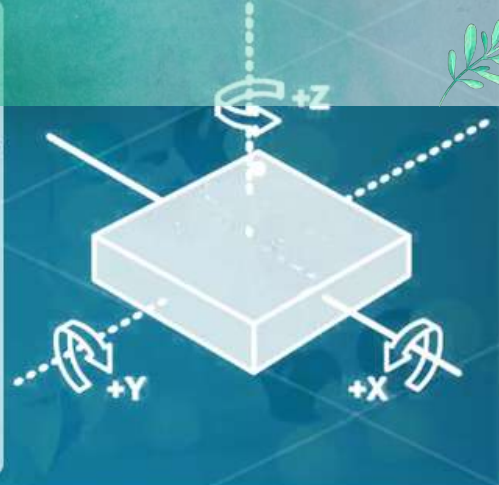
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THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-6M5M1	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg
iL-6M5M2	bracket	4X100ml	5000rpm	4650 Xg
iL-6M5M3	bracket	4X50ml	5000rpm	4650 Xg
iL-6M5M4	Swing-out Rotor	Swing-out Rotor	4000rpm	2980 Xg
iL-6M5M5	bracket	8X50ml	4000rpm	2980 Xg
iL-6M5M6	bracket	8X100ml	4000rpm	2980 Xg
iL-6M5M7	bracket	24X15ml	4000rpm	2980 Xg
iL-6M5M8	bracket	32X15ml	4000rpm	2980 Xg
iL-6M5M9	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iL-6M5M10	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iL-6M5M11	Swing-out Rotor	4X250ml With cover	5000rpm	5200 Xg
iL-6M5M12	adaptor	4X100ml	5000rpm	5200 Xg
iL-6M5M13	adaptor	8X50ml	5000rpm	5200 Xg
iL-6M5M14	adaptor	4X50ml	5000rpm	5200 Xg
iL-6M5M15	adaptor	36X10ml	5000rpm	5200 Xg
iL-6M5M16	adaptor	20X15ml	5000rpm	5200 Xg
iL-6M5M17	adaptor	40X7ml Vacuum blood collection tube	5000rpm	5200 Xg
iL-6M5M18	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iL-6M5M19	Swing-out Rotor	Swing-out Rotor	4000rpm	3400 Xg

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iL-5M

Product Description

- iL-5M is low speed large capacity centrifuge. It's max speed is 5000rpm. It can centrifuge common used tubes such as 15ml, 50ml, 100ml. It can also centrifuge vacuum blood collection tube, 48/64/76/80/112 holes. And if need centrifuge blood tube in biosafety, we can choose 76 holes biosafety rotor.
- This centrifuge is an ideal centrifuge if you need to centrifuge large capacity and small capacity. The rotor 4*500ml can centrifuge 500ml bottles, and also can use adaptor of 15ml, 50ml and blood tube, one rotor with adaptors can almost meet your requirements.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.



Benchtop Low Speed Centrifuge iL-5M

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*500ml(4000rpm)
Speed Accuracy	± 10 rpm
Temp. Accuracy	$\pm 1^\circ\text{C}$
Temp. range	$-20^\circ\text{C} \sim 40^\circ\text{C}$
Timing range	1min-9999min59s/inching/continuous
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	560*450*415mm (L*W*H)
Weight	53kg
Power	600W
Motor	Variable frequency motor
Display	LCD
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	19 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	25 rotors

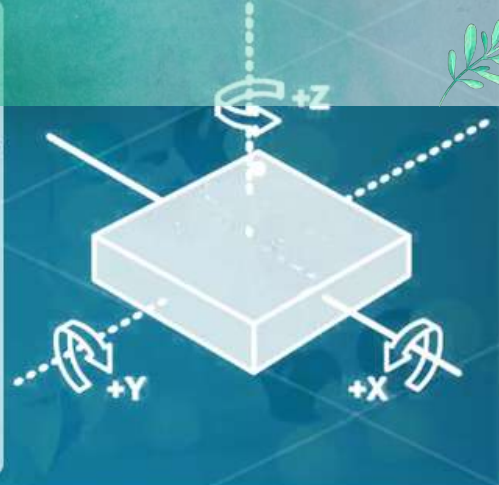
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THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-6M5M1	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg
iL-6M5M2	bracket	4X100ml	5000rpm	4650 Xg
iL-6M5M3	bracket	4X50ml	5000rpm	4650 Xg
iL-6M5M4	Swing-out Rotor	Swing-out Rotor	4000rpm	2980 Xg
iL-6M5M5	bracket	8X50ml	4000rpm	2980 Xg
iL-6M5M6	bracket	8X100ml	4000rpm	2980 Xg
iL-6M5M7	bracket	24X15ml	4000rpm	2980 Xg
iL-6M5M8	bracket	32X15ml	4000rpm	2980 Xg
iL-6M5M9	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iL-6M5M10	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iL-6M5M11	Swing-out Rotor	4X250ml With cover	5000rpm	5200 Xg
iL-6M5M12	adaptor	4X100ml	5000rpm	5200 Xg
iL-6M5M13	adaptor	8X50ml	5000rpm	5200 Xg
iL-6M5M14	adaptor	4X50ml	5000rpm	5200 Xg
iL-6M5M15	adaptor	36X10ml	5000rpm	5200 Xg
iL-6M5M16	adaptor	20X15ml	5000rpm	5200 Xg
iL-6M5M17	adaptor	40X7ml Vacuum blood collection tube	5000rpm	5200 Xg
iL-6M5M18	Microplate swing	2X3X96 holes	4000rpm	1970 Xg
iL-6M5M19	Swing-out Rotor	Swing-out Rotor	4000rpm	3400 Xg

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CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-6M5M20	Round hang up	4X500ml	4000rpm	3400 Xg
iL-6M5M21	adaptor	4X250ml	4000rpm	3400 Xg
iL-6M5M22	adaptor	12X50ml	4000rpm	3400 Xg
iL-6M5M23	adaptor	36X15ml	4000rpm	3400 Xg
iL-6M5M24	adaptor	76X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iL-6M5M25	Swing bucket rotor	Swing bucket rotor	4000rpm	3400 Xg
iL-6M5M26	adaptor	20X50ml	4000rpm	3400 Xg
iL-6M5M27	adaptor	40X15ml	4000rpm	3400 Xg
iL-6M5M28	adaptor	80X10ml Vacuum blood collection tube	4000rpm	3400 Xg
iL-6M5M29	adaptor	112X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iL-6M5M30	adaptor	100X1.5ml	4000rpm	3400 Xg
iL-6M5M31	Round hang up	148X5ml RIA tube	4000rpm	3400 Xg
iL-6M5M32	Round hang up	96X2~7ml Vacuum blood collection tube	4000rpm	3400 Xg
iL-6M5M33	Microplatebracket	4X2X96 holes	4000rpm	3400 Xg
iL-6M5M34	Swing-out Rotor	4X250ml Conical bottom	4000rpm	3400 Xg
iL-6M5M35	Angle Rotor	12X15ml	6000rpm	5120 Xg
iL-6M5M36	Angle Rotor	6X50ml	6000rpm	5120 Xg

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Dual Life

iL-5B

Product Description

- iL-5B is low speed large capacity centrifuge. Its max speed is 5000rpm. It can centrifuge common used tubes such as 15ml, 50ml, 100ml. It can also centrifuge vacuum blood collection tube, 48/64/76/80/112 holes. And if need centrifuge blood tube in biosafety, we can choose 76 holes biosafety rotor.
- This centrifuge is an ideal centrifuge if you need to centrifuge large capacity and small capacity. The rotor 4*500ml can centrifuge 500ml bottles, and also can use adaptor of 15ml, 50ml and blood tube, one rotor with adaptors can almost meet your requirements.
- There are three kinds of motor—Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.



Benchtop Low Speed Centrifuge iL-5B

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*500ml(4000rpm)
Speed Accuracy	± 10 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-9999min59s/inching/continuous
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	560*450*415mm (L*W*H)
Weight	53kg
Power	600W
Motor	Variable frequency motor
Display	LCD
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	19 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	25 rotors

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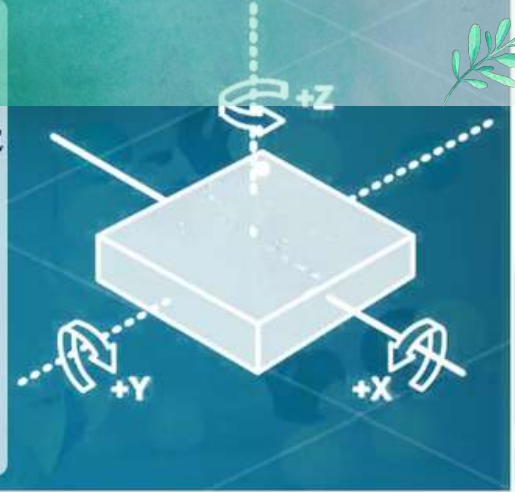
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-5B	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg

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Product Description

- iL-5 is low speed large capacity centrifuge. It's max speed is 5000rpm. It can centrifuge common used tubes such as 15ml, 50ml, 100ml. It can also centrifuge vacuum blood collection tube, 48/64/76/80/112 holes. And if need centrifuge blood tube in biosafety, we can choose 76 holes biosafety rotor.
- This centrifuge is an ideal centrifuge if you need to centrifuge large capacity and small capacity. The rotor 4*500ml can centrifuge 500ml bottles, and also can use adaptor of 15ml, 50ml and blood tube, one rotor with adaptors can almost meet your requirements.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- Balance is very important when the centrifuge is under operation, three axis gyroscope can dynamically monitors operation balance.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.

Max Speed	5000rpm
Max Centrifugal Force	5200Xg
Max Capacity	4*500ml(4000rpm)
Speed Accuracy	± 10 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-9999min59s/inching/continuous
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	560*450*415mm (L*W*H)
Weight	35 Kg
Power	600W
Motor	Variable frequency motor
Display	LCD
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	Can store programs commonly used
Can store usage records	1000
Adjustable acceleration and deceleration rate	19 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	25 rotors

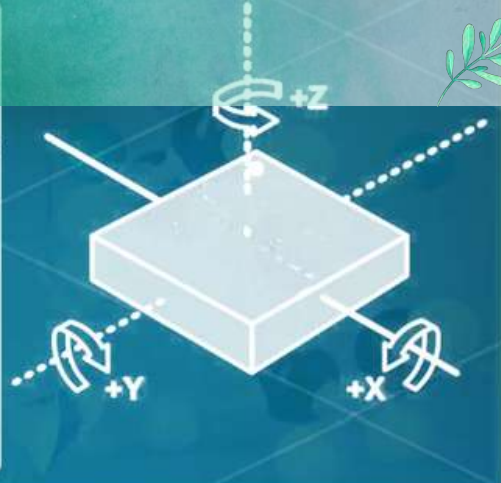


Benchtop Low Speed Centrifuge iL-5

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-5B51	Swing-out Rotor	Swing-out Rotor	5000rpm	4650 Xg
iL-5B52	bracket	4X100ml	5000rpm	4650 Xg
iL-5B53	bracket	4X50ml	5000rpm	4650 Xg
iL-5B54	Swing-out Rotor	Swing-out Rotor	4000rpm	2980 Xg
iL-5B55	bracket	8X50ml	4000rpm	2980 Xg
iL-5B56	bracket	8X100ml	4000rpm	2980 Xg
iL-5B57	bracket	24X15ml	4000rpm	2980 Xg
iL-5B58	bracket	32X15ml	4000rpm	2980 Xg
iL-5B59	Swing-out Rotor	4X250ml	4000rpm	2980 Xg
iL-5B510	adaptor	4X100ml	4000rpm	2980 Xg
iL-5B511	adaptor	8X50ml	4000rpm	2980 Xg
iL-5B512	adaptor	4X50ml	4000rpm	2980 Xg
iL-5B513	adaptor	36X10ml	4000rpm	2980 Xg
iL-5B514	adaptor	20X15ml	4000rpm	2980 Xg
iL-5B515	adaptor	40X7ml Vacuum blood collection tube	4000rpm	2980 Xg
iL-5B516	Hang cup for Conical bottom	8X50ml	4000rpm	2980 Xg
iL-5B517	Swing-out Rotor	48X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iL-5B518	Swing-out Rotor	64X2~7ml Vacuum blood collection tube	4000rpm	3100 Xg
iL-5B519	Microplate swing	2X3X96 holes	4000rpm	1970 Xg



Dual Life
iL-5Z

Product Description

- iL-5Z bench top low speed blood centrifuge can be used in many fields, it has 8 rotors and is compatible with 96 holes microplate, 2-7ml vacuum blood collection tube and tube 15ml, 50ml, 100ml.
- iL-5Z is our star centrifuge. It is very suitable to centrifuge 15ml, 50ml and 100ml tube in low speed. For 15ml tube, it can centrifuge at most 32 tubes; For 50ml or 100ml tube, it can centrifuge at most 8 tubes. You can choose 48*2-7ml blood tube rotor if need to centrifuge vacuum blood collection tubes.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 10 rpm.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock, and use an independent motor to control it.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.
- In daily usage, we may need to set different parameters for different purpose, we can store those setting parameters as operation programs. Next time, we just need to choose the right program and then start.



**Benchtop Low Speed
Centrifuge
iL-5Z**

Max Speed	5000rpm
Max Centrifugal Force	4650Xg
Max Capacity	8*100ml(4000rpm)
Speed Accuracy	± 10 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-99min59s/inching
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 10A
Dimension	550*430*350mm
Weight	40kg
Power	500W
Motor	Variable frequency motor
Display	Digital display
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	100 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	8 rotors

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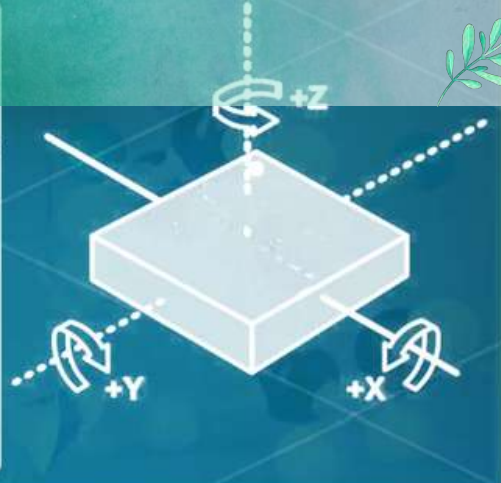
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-5B51	Swing-out Rotor	5000rpm	4650 Xg	4650 Xg
iL-5B52	bracket	4X100ml	5000rpm	4650 Xg
iL-5B53	bracket	4X50ml	5000rpm	4650 Xg
iL-5B54	Swing-out Rotor	4000rpm	2980 Xg	2980 Xg
iL-5B55	bracket	8X50ml	4000rpm	2980 Xg
iL-5B56	bracket	8X100ml	4000rpm	2980 Xg
iL-5B57	bracket	24X15ml	4000rpm	2980 Xg
iL-5B58	bracket	32X15ml	4000rpm	2980 Xg
iL-5B59	Swing-out Rotor		4000rpm	2980 Xg
iL-5B510	Microplate swing	2X3X96holes	4000rpm	1970 Xg

iL-42

Product Description

- iL-42 Table top low speed swing out rotor centrifuge machine has 4 swing out rotors which is compatible with tubes 15ml,50ml,100ml.
- We use brushless motor in this machine. Brushless motor has good performance and stable running.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- When fault appears, the centrifuge will automatic diagnose and display the ERROR CODE in the screen, then you will know what's the fault.



**Benchtop Low Speed
Centrifuge
iL-42**

Max Speed	4200rpm
Max Centrifugal Force	3060Xg
Max Capacity	4*100ml(4200rpm)
Speed Accuracy	±20rpm
Temp. Accuracy	±1°C
Temp. range	-20°C ~40°C
Timing range	1min-99min59s/inching
Noise	≤60dB(A)
Power Supply	AC 220V 50HZ 10A
Dimension	480*390*320mm (L*W*H)
Weight	28kg
Power	400W
Motor	Brushless motor
Display	Digital
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	100 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	10 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	4 rotors

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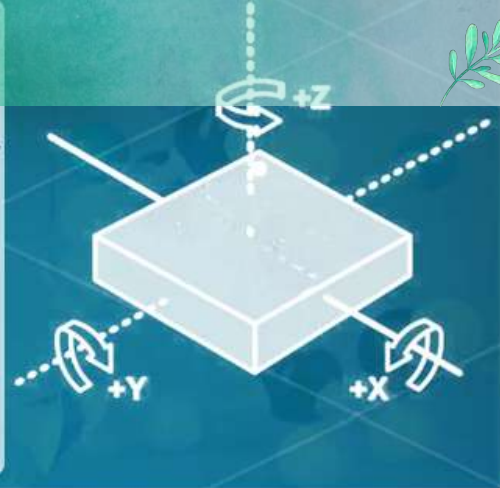
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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02



VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.

CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-421	Swing-out Rotor	4X50ml	4200rpm	2970 Xg
iL-422	Swing-out Rotor	Swing-out Rotor	4200rpm	3250 Xg
iL-423	bracket	4X100ml	4200rpm	3250 Xg
iL-424	bracket	16X15ml	2980 Xg	2980 Xg
iL-425	bracket	8X50ml	4000rpm	2980 Xg



iL-40

Product Description

- iL-40 is low speed centrifuge with max speed 4200rpm. This centrifuge is designed for the centrifugation of vacuum blood collection tubes. It can fit a fixed angle rotor 24*2-10ml.
- The centrifuge is easy to use ,and it supports setting RCF directly and changing parameters under operation.
- If you just need to centrifuge vacuum blood collection tubes, this centrifuge will be your good choice. The centrifuge adopts all steel body and 304SS chamber, which makes it strong and firm. The centrifuge supports setting RCF directly and changing parameters under operation.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 20 rpm.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- The rotor material is aluminium alloy, so the rotor is strong and durable.

Max Speed	4200rpm
Max Centrifugal Force	2680Xg
Max Capacity	24*10ml Fixed-angle Rotor(vacuum blood collection tube)
Speed Accuracy	± 20 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-99min
Noise	$\leq 60\text{dB(A)}$
Power Supply	AC 220V 50HZ 5A
Dimension	375*300*260mm (L*W*H)
Weight	17kg
Power	250W
Motor	Brushless motor
Display	Digital
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	100 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	9 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	1 rotor



Benchtop Low Speed Centrifuge iL-40

DUAL LIFE SCIENCE PVT LTD

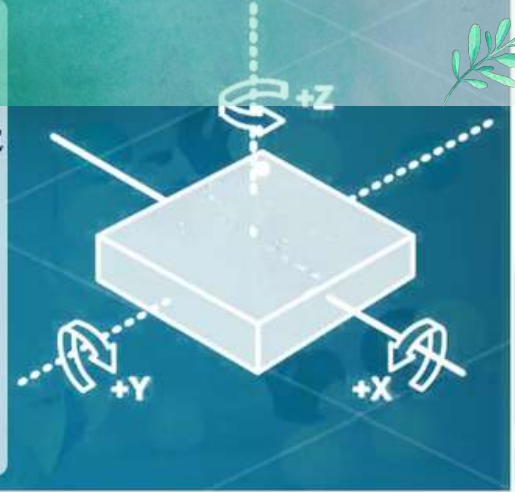
212-Platinum Plaza, Nr. VT Circle, Sarthana, Surat-395006

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01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-40	Benchtop low speed centrifuge	24X10ml (Vacuum blood collection tube)	4200rpm	2680 Xg



iL-4Z

Product Description

- iL-4Z is low speed centrifuge with max speed 4200rpm, it has 2 fixed angle head rotors-rotor for 12 tubes 50ml and rotor for 12 tubes 20mL. The centrifuge uses good quality variable frequency motor instead of brushless motor. All steel body and stainless steel chamber make it strong and durable.
- There are three kinds of motor-Brush motor, brushless motor and variable frequency motor, the last one is the best. It is low failure rate, eco-friendly, maintenance-free and good performance. Its good performance makes the speed accuracy reach up to ± 20 rpm.
- For ensuring safe operation and making the centrifuge be strong and durable, we adopt high cost material steel and 304 stainless steel.
- When the centrifuge is under operation, we must make sure the door will not open. We use electronic door lock to ensure safety.
- If we know the Relative Centrifugal Force before operation, we can set RCF directly, no need to convert between RPM and RCF.
- Sometimes we need to reset parameters such as speed, RCF and time when the centrifuge is under operation, and we don't want to stop, we can reset parameters directly, no need to stop, just use your finger to change those numbers.
- The rotor material is aluminium alloy, so the rotor is strong and durable.



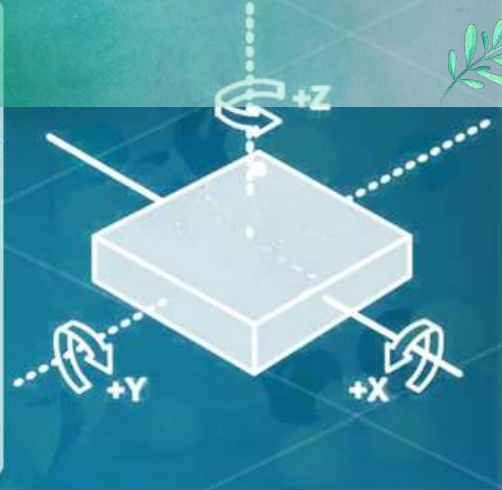
Benchtop Low Speed Centrifuge iL-4Z

Max Speed	4200rpm
Max Centrifugal Force	2680Xg
Max Capacity	12*20ml or 4*50ml (Fixed-angle rotor)
Speed Accuracy	± 20 rpm
Temp. Accuracy	$\pm 1^{\circ}\text{C}$
Temp. range	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Timing range	1min-99min
Noise	$\leq 55\text{dB(A)}$
Power Supply	AC 220V 50HZ 5A
Dimension	440*340*290mm (L*W*H)
Weight	23kg
Power	200W
Motor	Variable frequency motor
Display	Digital
Parameters setting	Input numbers directly
Timing models	Count or countdown
Can store programs	100 programs
Can store usage records	1000
Adjustable acceleration and deceleration rate	9 levels
Temp.control	PID dynamic temperature control
Automatic rotor identification	RFID can rapidly identify rotor information without working
Balance monitoring	Three-axis gyroscope dynamically monitor balance
Intelligent protection	22 kinds of protection (door, overspeed, overheat, overcurrent, overvoltage.....)
Password lock function	Yes
Built-in electronic manual	Yes
Body material	Steel
Chamber material	304 stainless steel
Matched rotors	2 rotors

01

THREE AXIS GYROSCOPE

The machine adopts three axis gyroscope to monitor the whole process dynamic balance.



02

VARIABLE FREQUENCY MOTOR

Variable frequency motor is high efficiency, low failure rate and eco-friendly.



CODE	ROTOR TYPE	ROTOR SIZE	RPM	RCF
iL-404Z1	Angle Rotor	12X20ml Angle Rotor	4200rpm	2680 Xg
iL-404Z2	Angle Rotor	4X50ml Angle Rotor	4200rpm	2680 Xg
dFUGE-6	mini	8x1.5ml	6000rpm	3000 Xg
dFUGE-7	mini	8x1.5ml	7000rpm	4000 Xg
dFUGE-10	mini	8x1.5ml/2ml	10000rpm	7000 Xg
dFUGE	mini	8x1.5ml/2ml	7000rpm	2680×g