

DARSUN
S C I E N T I F I C

ECONOMICAL RANGE



Benchtop|High Speed |Ventilated |Microcentrifuge

DS-16C



Product Overview

The DS-16C micro centrifuge offers a wide selection of rotors tailored to different requirements, accommodating PCR strips, filter tubes, as well as 2ml and 5ml micro-liter tubes. Its outstanding performance and versatile rotor choices make it ideal for various applications, including microbiological research, protein biochemistry, and clinical chemistry. Utilizing micro tubes ranging from 1.5ml to 5ml, this centrifuge serves diverse purposes like sample pelleting, sedimentation, preparation, and purification



Product Features

1. Bench top Micro centrifuges High Speed Clinical Centrifuge DS-16C use Microprocessor control with frequency conversion A.C. motor drive.
2. Large LED display clearly shows the operation status, parameters such as speed, timer, RCF, rotor, program (memory), acceleration and deceleration information and error code information.
3. Bench top Micro centrifuges High Speed Clinical Centrifuge DS-16C Provides 10 acceleration rates and 10 braking ramps to effectively avoid secondary sedimentation and better centrifugation results. Fast acceleration rate reaches 165,000rpm in 15 seconds, and so does the braking ramp.
4. Bench top Micro centrifuges High Speed Clinical Centrifuge DS-16C offers Automatic cap locking and fixing during rotor operation
5. Rotor can be easily replaced
6. Bench top Micro centrifuges High Speed Clinical Centrifuge DS-16C's Noise level below 55 DBA at maximum rotational speed
7. Automatic troubleshooting with error codes and alarms displayed on screen.
8. Safe electrical lid interlock, door cannot be opened while rotor is running, machine will not run with lid open and error codes appear.

MODEL NO	DS-16C
Speed range(rpm)	0-16500rpm adjustable
Max Capacity(ml)	12*5ml
RCF range (xg)	0-19480xg adjustable
Noise(DBA)	55dB(A)
ACC/DEC	1-10 rates
Max. acceleration time [s]	15 seconds
Time range	1-99minutes 59s adjustable
Speed accuracy	±10r/min
Dimension(mm)	340*260*220mm
Net weight(without rotor)	15KGS
Power supply	AC220V,50HZ,10A,370W
Max. braking time [s]	15 seconds

No.	Rotor	Max.Capacity	Max. speed	Max. RCF	Note
NO 1 	Angle rotor	12×1.5-2.2ml	16500r/min	19176xg	EP/PP tube
	Adapter	12×0.5ml			
		12×0.2ml			
NO.2 	Angle rotor	12×5ml	16500r/min	19480xg	EP/PPtube
	Adapter	12×1.5ml			
NO.3 	Angle rotor	8×8×0.2ml	13500r/min	16480xg	PCR 8 strip tubes
NO.4 	Angle rotor	24×1.5/2.2ml	14000r/min	18407xg	EP/PP tube
	Adapter	24×0.5ml			
		24×0.2ml			

Benchtop|High Speed |Ventilated |Microcentrifuge

DS- 16R



Product Overview

Direct Drive by AC Frequency Conversion Motor: Ensures high precision, low noise, and a long service life, providing reliable and efficient performance.

Microcomputer Control with 7-Inch LCD Display: Displays rotor number, speed, centrifugal force, time, acceleration and deceleration, and other key parameters simultaneously for easy monitoring.

10 Acceleration and Deceleration Curves: Supports up to 14,000 rpm for any rotor with the fastest acceleration and deceleration in just 20 seconds. Additionally, 15 user-editable programs cater to various experimental needs.

High-Efficiency Environmental Protection Refrigeration System: Features eco-friendly refrigeration with precise temperature control, ensuring no environmental pollution.

Automatic Condensation Evaporation: Automatically evaporates condensed water, eliminating the need for manual cleaning after prolonged use.

Self-Absorbing Electronic Door Lock: Reduces the effort required to close the door, enhancing user convenience and ease of operation.

Comprehensive Safety Protections: Includes overspeed, over temperature, and electronic gyroscope imbalance monitoring, ensuring reliable operation and safety during use.



MODEL NO	DS-16R
Max. RPM	16,500rpm
Max.Capacity	18 x 5ml
Max.RCF	19480xg
Time control	1-99minutes 59s adjustable
Noise level (dB)	55dB(A)
Display	LED
Refrigerant	R 290
Dimension (W x D x H, mm)	440x300x330mm(LxWxH)
Speed accuracy	±10r/min
Temp. Range	-20 °C ~ 40°C
Temperature control accuracy	±1
ACC/DEC	10/10 steps
Program memory	15
Weight without rotor (kg)	35kg
Power supply	AC220V,50HZ,10A; 700W



No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×1.5/2.2ml	16500r/min	19176xg	PP/PC tube
		12×0.5ml			
		12×0.2ml			
NO.2	Angle rotor	24×1.5/2.2ml	14500r/min	19956xg	PP/PC tube
		24×0.5ml			
		24×0.2ml			
NO.3	Angle rotor	8×8×0.2ml	14000r/min	16480xg	PCR 8-tube strips
NO.4	Angle rotor	18×5ml	12000r/min	13668xg	PP/PC tube(Round bottom)
		18×1.5ml			PP/PC tube

Benchtop|High Speed |Ventilated |Micro Hematocrit Centrifuge

DS-16W



Product Overview

The DS-16W High-Speed Centrifuge Machine is furnished with fixed-angle rotors suitable for 2ml to 5ml microcentrifuge tubes. It finds extensive utility across laboratories, chemical facilities, hospitals, and in any domain requiring high-speed functionality for micro-capacity tasks. As a versatile laboratory instrument, it serves various purposes, including the separation and processing of small sample volumes. This centrifuge is a staple in laboratories for a multitude of applications such as biological sample separation, DNA analysis, cell culture, and biochemistry tasks.

Benchtop High Speed Centrifuges deliver efficient sample processing in clinical protocols, cell culture applications, precipitation purposes, microplate processing and separation of DNA, RNA, Viruses and proteins in biochemistry, medical treatment, food safety, and animal husbandry, etc.



Product Features

1. Compact and space-saving High-Speed centrifuge
2. Speed range up to 16500 r/min, Max.RCF: 19480xg, Max.capacity: 10*5ml
3. Microprocessor control with frequency conversion A.C. motor drive
4. High-Speed Centrifuge Machine TG16W Features Quiet technology, recognized with a "low noise Highest speed operation noise less than 58 decibels.
5. Three levels of damping system, 10 kinds of lifting and lowering speed curves, and 9 self-defined operating procedures that can be stored and recalled to meet various experimental needs.
6. LCD Display shows Speed, Timer, RCF, Rotors, Program(Memory), Acceleration& Deceleration information, and Error code details.
7. Easily exchangeable rotors
8. Double layers sealing ring ensures excellent sealing for the centrifuge lid and the instrument.
9. Equipped with over-speed, over-temperature protection, electronic safety door lock, and other multi-level safety features to ensure user and machine safety.
10. Emergency lid-lock release in case of power failure.
11. Gas hinge for lid drop protection.

MODEL NO	DS-16W
Speed range(rpm)	0-16500rpm adjustable
Max Capacity(ml)	10*5ml
RCF range (xg)	0-19480xg adjustable
Noise(dBA)	55dB(A)
ACC/DEC	1-10 rates
Time range	1-99minutes 59s adjustable
Speed accuracy	±10r/min
Dimension(mm)	340*260*220mm
Net weight(without rotor)	15KGS
Power supply	AC220V,50HZ,10A, 200W

No.	Item	Capacity	Max. speed	Max.RCF	Note
NO.1	Angle rotor	12×1.5/2.2ml	16500r/min	19175xg	PP/PCtube
	Adapter	12×0.5ml			
		12×0.2ml			
NO.2	Angle rotor	10×5ml	16500r/min	19480xg	PP/PCtube
	Adapter	10×1.5ml			
NO.3	Capillary rotor	24 pieces	12000r/min	13684xg	Capillary tube

Benchtop|High Speed|Ventilated|Centrifuge

DS-16-WS



Product Overview










Our high-speed centrifuge DS-16-WS features a versatile selection of fixed-angle rotors, accommodating PCR tubes, test tubes, and round-bottom tubes. It offers remarkable capacity, holding up to 4 x 100 ml in a fixed angle rotor. With a broad range of rotors and accessories and impressive RCF values reaching up to 23,120 x g, it proves idea for a diverse array of applications.



Product Features

1. Compact and space-saving centrifuge.
2. High Speed Portable Centrifuge DS-16-WS featured A.C. Frequency conversion motor direct drive, high precision, low noise, long service life.
3. Microprocessor control, color break code screen display, program can be programmed and stored, speed, centrifugal force, time can be displayed at the same time.
4. High Speed Portable Centrifuge DS-16-WS special Quiet technology, "low noise", the highest speed operation noise is less than 58 decibels.
5. High Speed Portable Centrifuge 16000rpm DS-16-WS features Three levels of damping system, 10 kinds of Lifting and lowering speed curve, 30 self-defined operating procedures can be stored and recalled, can meet different experimental needs.
6. With over-speed, over-temperature, electronic safety door lock and other multi-level protection functions to ensure the safety of man and machine.
7. Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.

MODEL NO	DS-16-WS
Speed range(rpm)	0-16500rpm adjustable
Max Capacity(ml)	4*100ml
Display	LCD
Noise(dBA)	58dB(A)
Dimension(mm)	470x345x295mm
Net weight(without rotor)	30KGS
Speed accuracy	±10rpm
RCF range (xg)	0-19480xg adjustable
Time range	1-99minutesadjustable
Acceleration /Deceleration rates	0-10
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,600W

No.	Rotor	Capacity	Max.speed	Max.RCF	Note
	Angle rotor	12×1.5/2.2ml	16500r/min	19176xg	PP/PC tube
		12×0.5ml			
		12×0.2ml			
	Angle rotor	12×5ml	16500r/min	19480xg	PP/PC tube
		12×1.5ml			PP/PC tube
	Angle rotor	12×10ml	12000r/min	13523xg	PP/PC tube
		12×5ml			PP/PC tube
	Angle rotor	24×1.5/2.2ml	14000r/min	18407xg	PP/PC tube
		24×0.5ml			
		24×0.2ml			
		36×1.5/2.2ml	13000r/min	15304xg	
		36×0.5ml			
		36×0.2ml			
	Angle rotor	12×8×0.2ml	12000r/min	16985xg	PCR8-tube strips
	Angle rotor	10×15ml	11000r/min	14069xg	PP/PC tube
		10×10ml			
		10×5ml			
		6×50ml	11000r/min	13122xg	
		6×15ml			
		6×10ml			
		6×1.5ml			
	Angle rotor	4×10/100ml	10000r/min	10979xg	PP/PC tube
		4×50ml			
		4×15ml			
		4×10ml			
		4×5ml			
		4×1.5ml			

Benchtop|High Speed|Ventilated|Centrifuge

DS-20-WS



Product Overview

The high-speed centrifuge DS-20-WS is a versatile solution equipped with a variety of fixed-angle rotors. This all-purpose centrifuge is designed to accommodate PCR tubes, test tubes, and round-bottom tubes, offering exceptional capacity with a 4 x 100 ml fixed-angle rotor configuration. With its extensive selection of rotors and accessories, along with impressive RCF values reaching up to 31,061 x g, it is well-suited for a diverse range of applications.



Product Features

1. Compact and space-saving centrifuge
2. DS-20-WS use A.C. Frequency conversion motor direct drive, high precision, low noise, long service life
3. Microcomputer control, color break code LED screen display, program can be programmed and stored, speed, centrifugal force, time can be displayed at the same time.
4. 3 levels damping for anti vibration. Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.
5. DS-20-WS Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.
6. Automatic lid-locking and holding during rotor run
7. Automatic rotor identification system, coded rotor identification prevents the rotor from over speeding.
8. Easily exchangeable rotors, special rotor connector which makes it easy to load and unload rotor.
9. Automatic troubleshooting with indication of error code and alarm on the screen.
10. Research Use 20000 rpm Centrifuge Machine DS-20-WS features.
11. Speed up to 21000rpm depends on rotor type
12. With over-speed, over-temperature, electronic safety door lock and other multi-level protection functions to ensure the safety of man and machine

MODEL NO	DS-20-WS
Speed range(rpm)	0-21000rpm adjustable
Max Capacity(ml)	4*100ml
Display	LCD
Noise(dBA)	58Db (A)
Dimension(mm)	470x345x295 mm
Net weight(without rotor)	30 KGS
Speed accuracy	±10rpm
RCF range (xg)	0-31061xg adjustable
Time range	1-99minutes 59s adjustable
Acceleration /Deceleration rates	1-10
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,600W

No.	Rotor	Capacity	Max.speed	Max. RCF	Note	
NO.1 	Angle Rotor	12×1.5-2.2ml	21000r/min	31061xg	PP/PC tube	
	Adapter	12×0.5ml				
		12×0.2ml				
NO.2 	Angle Rotor	12×5ml	16500r/min	19480xg	PP/PC tube (round bottom)	
	Adapter 	12×1.5ml	15000r/min	21130xg	PP/PC tube	
		12×10ml				
NO.3 		12×5ml				
		12×1.5ml				
NO.4 	Angle Rotor	24×1.5-2.2ml	16000r/min	24041xg	PP/PC tube	
	Adapter 	24×0.5ml				
		24×0.2ml				
		48×1.5-2.2ml	14000r/min	20379xg		
		48×0.5ml				
		48×0.2ml				
NO.5 	Angle Rotor	12×8×0.2ml	12000r/min	16985xg	PCR8-tube strips	
NO.6 	Angle Rotor	10×15ml	13000r/min	19650xg	PP/PC tube (pointy bottom)	
	Adapter	10×5ml			PP/PC tube	
	Adapter 	10×1.5ml			13000r/min	18327xg
		6×1.5ml				
		6×50ml				
		6×15ml				
				6×10ml		
	NO.9 	Angle Rotor	4×10/100ml	11000r/min	13284xg	PP/PC tube (round bottom)
Adapter 		4×50ml	PP/PC tube			
		4×15ml				
		4×10ml				
		4×5ml				
		4×1.5ml				

<div>NO.6</div> <div></div>	Angle Rotor	10×15ml	13000r/min	19650xg	PP/PC tube (pointy bottom)
	Adapter <div></div>	10×5ml			PP/PC tube
					PP/PC tube
	Adapter <div></div>	10×1.5ml	13000r/min	19650xg	PP/PC tube (pointy bottom)
		6×1.5ml			
		6×50ml			
		6×15ml			
		6×10ml			
<div>NO.9</div> <div></div>	Angle Rotor	4×10/100ml	11000r/min	13284xg	PP/PC tube (round bottom)
	Adapter <div></div>	4×50ml			PP/PC tube
		4×15ml			
		4×10ml			
		4×5ml			
		4×1.5ml			

Benchtop | Multipurpose | High Speed | Ventilated | Centrifuge
DS-200B



Product Overview

The all-purpose large capacity high-speed centrifuge DS-200B stands out for its versatility and compact design, making it a perfect fit for any lab. Equipped with a wide array of rotors and accessories and boasting high RCF values, it accommodates a diverse range of applications. Its tube capacities span from 0.2 ml to 100 ml in fixed-angle rotors and from 1.5 ml to 750 ml in swing-out rotors. Additionally, it can centrifuge microtiter plates, well plates, and vacuum blood collection tubes.









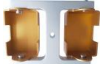

Product Features

1. Compact and space-saving High-Speed centrifuge
2. Max.capacity: 6*100ml fixed angle rotor, 4*750ml swing out rotor
3. Observations window on lid for speed calibration and noise measurement.
4. Microprocessor control with 750W-4K-21K frequency conversion A.C. motor drive.
5. Noise level lower than 58 decibel at the highest rotational speed.
6. Three levels of damping system, Programmable and storable, stores up to 30 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.
7. Double layers sealing ring made for the centrifuge lid and the instrument to keep long good sealing.
8. With over-speed, over-temperature, electronic safety door lock and other multi-level protection functions to ensure the safety of man and machine.
9. Provides the 10 acceleration rates and 10 braking ramp, to effectively avoid secondary sedimentation, with better centrifugation effect.
10. Automatic lid-locking and holding during rotor run
11. Easily exchangeable rotors
12. Automatic troubleshooting with indication of error code and alarm on the screen.
13. LCD touch screen with simple&clear interface for viewing and setting parameters.

MODEL NO	DS-200D
Speed range(rpm)	0-20000rpm adjustable
Max Capacity(ml)	4*750ml
Display	LCD
Noise Level(dBA)	≤58dB(A)
Dimension(mm)	560x440x360mm
Net weight(without rotor)	560x440x360mm1
Speed accuracy	±10rpm
RCF range (xg)	0-28174 kg
Time range	1-99minutesadjustable
Acceleration /Deceleration rates	1-10
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,770W

No.	Rotor	Capacity	Max. speed	Max.RCF	Note
NO.1 	Angle rotor	12×1.5-2.2ml	20000r/min	28174xg	PP/PCtube
	Adapter	12×0.5ml			
		12×0.2ml			
NO.2 	Angle rotor	12×5ml	17000r/min	20680xg	PP/PCtube
	Adapter	12×1.5ml			
NO.3 	Angle rotor	24×1.5-2.2ml	16000r/min	24041xg	PP/PCtube
	Adapter	24×0.5ml			
		24×0.2ml			
NO.4 	Angle rotor	10×15ml	15000r/min	26161xg	PP/PCtube
	Adapter	10×10ml			
		10×5ml			
	Adapter	10×1.5ml			

		Angle rotor	48×1.5-2.2ml	15000r/min	23394xg	PP/PCtube
		Adapter	48×0.5ml			
			48×0.2ml			
		Angle rotor	12×10ml	15000r/min	21130xg	PP/PCtube
		Adapter	12×5ml/1.5ml			
		Angle rotor	6×50ml	14000r/min	21255xg	PP/Pctube
		Adapter	6×15ml			
			6×10ml			
			6×1.5ml			
		Angle rotor	6×100ml	11000r/min	14610xg	PP/Pctube
		Adapter	6×50ml			
			6×15ml			
			6x10 ml			
			6x5 ml			
			6x1.5 ml			
		Angle rotor	8×50ml	12000r/min	17226xg	PP/PCtube
		Adapter	8×15ml			
			8×10ml			
		Swing bucket	4×250ml	4000r/min	3049xg	Round cup
		Adapter	4×9×2-5ml			Vacuum blood collection tube
			4×5×10-15ml			PP/PCtube
			4×50ml			
			4×100ml			
			4×9×1.5ml			
		Swing bucket	4×400ml	4000r/min	3049xg	Square cup
		Adapter	4×16×2-5ml			Vacuum blood collection tube
			4×9×10-15ml			PP/PCtube
			4×4×50ml			
			4×100ml			
			4×15×1.5ml			

<div>NO.12</div> <div></div>	Swing bucket	4×500ml	4000r/min	3354xg	Round cup
	<div>Adapter</div> <div></div>	4×17×2-5ml			Vacuum blood collection tube
		4×8×10-15ml			PP/PCtube
		4×3×50ml			
		4×100ml			
<div>NO.13</div> <div></div>	Swing bucket	4×600ml	4000r/min	3354xg	Square cup
	<div>Adapter</div> <div></div>	4×25×2-5ml			Vacuum blood collection tube
		4×12×10-15ml			PP/PCtube
		4×5×50ml			
		4×4×100ml			
<div>NO.14</div> <div></div>	Swing bucket	4×750ml	4000r/min	3443xg	Round cup
	<div>Adapter</div> <div></div>	4×26×2-5ml			Vacuum blood collection tube
		4×13×10-15ml			PP/PCtube
		4×5×50ml			
		4×3×100ml			
<div>NO.15</div> <div></div>	Microplate rotor	2×2×96 well	4200r/min	2860xg	Square cup
	<div>Adapter</div> <div></div>	2×32×1.5ml			PP/PCtube

Benchtop|High Speed|Refrigerated|Centrifuge

DSL-16M



Product Overview

The high-speed refrigerated centrifuge DS-L-16M stands out with its impressive maximum speed of 16,500 rpm. Its built-in refrigeration feature ensures precise temperature control during the separation process, crucial for preserving sample integrity. Compatible with a range of fixed-angle rotors and adapters, it caters to high-speed centrifugation needs spanning volumes from 0.2ml to 100ml. Despite its robust capabilities, its compact design makes it a perfect fit for labs with limited space, combining efficiency and convenience seamlessly.



Product Features

- 1. Direct Drive AC Variable Frequency Motor: Experience high precision, low noise, and an extended lifespan for reliable and efficient operation.
- 2. High-Efficiency and Environmentally Friendly Refrigeration System: Our centrifuge adopts an advanced cooling system that not only ensures precise temperature control but also eliminates environmental pollution.
- 3. Silent Technology and "Low-Noise" Patent Certification: With our innovative "Low-Noise" technology, enjoy a quiet laboratory environment as the centrifuge operates at a maximum noise level below 58 decibels.
- 4. Microcomputer Control and Color LCD Display: Take full control of your experiments with ease. Our centrifuge's user-friendly interface allows programming, storage, and simultaneous display of speed, centrifugal force, and time on a vibrant color screen.
- 5. 10 adjustable lift speed curves. Customize up to 30 programmable and storable free programs to meet your diverse experimental needs.
- 6. Double-Layer Sealing Rings on the Door Cover and Body: Designed to meet the demands of long-term use, our centrifuge features excellent sealing performance, ensuring airtight operation.
- 7. Three-Level Damping System and Versatile Speed Curves: Experience optimal stability and versatility with our centrifuge's three-level damping system.
- 8. Multiple Safety Features: We prioritize safety. Our centrifuge is equipped with multiple layers of protection, including overspeed detection, overheating prevention, and an electronic safety door lock, ensuring the well-being of both the user and the machine.

MODEL NO	DS-L-16M
Max. RPM	16,500rpm
Max.Capacity	4 x100ml
Max.RCFA	19480xg
Time control	1-99minutes 59s adjustable
Noise level (dB)	≤58dB(A)
Display	LCD
Refrigerant	R134A
Dimension (W x D x H, mm)	600x570x380mm(LxWxH)
Speed accuracy	±10r/min
Temp. Range	-20 °C ~ 40°C
Temperature control accuracy	±1°C
ACC/DEC	10/10 steps
Program memory	30
1Weight without rotor (kg)	70 kg
P1power supply	AC220V,50HZ,10A; 880W



No.	Item	Max. capacity	Max.speed	Max.RCF	Note
	Angle rotor	12×1.5/2.2ml	16500r/min	19176xg	PP/PC tube
	Adapter	12×0.5ml			
	Adapter	12×0.2ml			
	Angle rotor	12×5ml	16500r/min	19480xg	PP/PC tube
	Adapterx	12×1.5ml			
	Angle rotor	12×10ml	12000r/min	13523xg	PP/PC tube
	Adapter	12×5ml			
	Angle rotor	24×1.5/2.2ml	14000r/min	18407xg	PP/PC tube
	Adapter	24×0.5ml			
	Adapter	24×0.2ml			
	Angle rotor	36×1.5/2.2ml	13000r/min	15304xg	PP/PC tube
	Adapter	36×0.5ml			
	Adapter	36×0.2ml			
NO.6	 Angle rotor	12×8×0.2ml	12000r/min	16985xg	PCR 8-tube strips

Benchtop | High Speed | Refrigerated | Centrifuge

DSL-20M



Product Overview

The benchtop high-speed refrigerated centrifuge DSL-20M offers an impressive maximum speed of 21,000 rpm, making it a powerful tool for various applications. Its adaptable fixed-angle head rotors can handle variable volumes, with a maximum capacity of 4 x 100ml. The built-in refrigeration feature ensures precise temperature control, crucial for maintaining sample integrity during the separation process.

Designed to accommodate a wide array of fixed-angle rotors and adapters, this centrifuge is versatile, capable of handling volumes ranging from 0.2ml to 100ml. Despite its robust capabilities, its compact design makes it a perfect fit for laboratories with limited space, offering efficiency without compromising on performance.



Product Features

Microprocessor controlled with frequency conversion A.C. motor drive
Quiet technology, low noise patent certificate recognized, the highest speed rotation noise is less than 58 decibels.
Safety interlock system to prevent opening the centrifuge lid when the rotor is rotating
Unbalance sensor, over speed and over temperature protection
LCD display, showing the speed, time, RCF during operation.

MODEL NO	DSL-20M
Max. RPM	0-21000rpm adjustable
Max.Capacity	4 x100ml
Max.RCF	0-31061xg adjustable
Time control	1-99minutes 59s adjustable
Noise level (dB)	≤58dB(A)
Display	LCD
Refrigerant	R134A
Dimension	600x570x380mm(LxWxH)
Speed accuracy	±10r/min
Temp. Range	-20 °C ~ 40°C
Temperature control accuracy	±1°C
ACC/DEC	10/10 steps
Program memory	30
Weight without rotor (kg)	80 kg
Power supply	AC220V,50HZ,10A; 880W

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1 	Angle rotor	12×1.5/2.2ml	21000r/min	31061xg	PP/PC tube
	Adapter 	12×0.5ml			
		12×0.2ml			
NO.2 	Angle rotor	12×5ml	16500r/min	19480xg	PP/PC tube
	Adapter 	12×1.5ml			
NO.3 	Angle rotor	12×10ml	15000r/min	21130xg	PP/PC tube
	Adapter 	12×5ml			
		12×1.5ml			
NO.4 	Angle rotor	24×1.5/2.2ml	16000r/min	24041xg	PP/PC tube
	Adapter 	24×0.5ml			
		24×0.2ml			
NO.5 	Angle rotor	48×1.5/2.2ml	14000r/min	20379xg	PP/PC tube
	Adapter 	48×0.5ml			
		48×0.2ml			
NO.6 	Angle rotor	12×8×0.2ml	12000r/min	16985xg	PCR 8-tube strips
NO.7 	Angle rotor	10×15ml	13000r/min	19650xg	PP/PC tube
	Adapter 	10×5ml			
	Adapter 	10×1.5ml			
NO.8 	Angle rotor	6×50ml	13000r/min	18327xg	PP/PC tube
	Adapter 	6×15ml			
		6×10ml			
	Adapter 	6×1.5ml			
NO.9 	Angle rotor	4×10/100ml	11000r/min	13284xg	PP/PC tube
	Adapter 	4×50ml			
		4×15ml			
		4×10ml			
		4×5ml			
		4×1.5ml			

Benchtop|High Speed|Refrigerated|Centrifuge

DS-200R



Product Overview

The combination of high speed and refrigeration capabilities ensures precise temperature control during centrifugation, preserving sample integrity and allowing for sensitive experiments and analyses. They are essential for separating substances of different densities in biological and chemical samples, such as DNA, proteins, and cells. These centrifuges are particularly valuable in fields like molecular biology, biochemistry, and clinical diagnostics, enabling researchers to isolate and purify target components efficiently.











Product Features

1. Intelligent microprocessor control system that can display set and actual parameters simultaneously.
2. Frequency conversion A.C. motor drive, maintenance-free.
3. 304# Stainless steel centrifuging chamber.
4. Housing and lid of metal finished in a scratch and impact resistant coating.
5. Aluminium alloy fixed angle rotor, stainless steel swing out rotor.
6. Rotors and buckets are autoclavable and corrosion-free.
7. Durable chassis with steel armored chamber and steel layered lid.
8. Smooth tube insertion and removal facilitated by precisely carved holes in rotors and buckets.
9. User friendly
10. LCD/TFT display panel for optional, and highly visible display screen.
11. CFC-free refrigerant.
12. RTC (Real-Time Control) Function
13. PID dynamic temperature control.
14. Temperature range from -20°C to 40°C in 1°C steps.
15. Reversible parameters during operation
16. Up to 30 program memory and easily retrieved.
17. Last set parameters recall (useful for repetitive analysis)
18. Adjustable Accel/Decel, 10 acceleration and 10 deceleration ramps.
19. Automatic lid-locking and holding during rotor run.
20. Viewing port in the lid for speed calibration and noise measurement.
21. Automatic RFID rotor identification with over-speed protection.
22. Active imbalance detection and shutdown.
23. Safety lid interlock to prevent lid opening during centrifugation
24. Lid drop protected construction and fine control of lid opening.
25. Emergency door lock release enables opening in case of power failure or sudden stoppages.
26. Safety and Standards Certification: CE
27. Product Safety: EN61010-1 and EN 61010-2-020 Electromagnetic Compatibility: EN 61326-1.

MODEL NO	DS-200R
Speed range(rpm)	0-20000rpm adjustable
Max Capacity(ml)	4*750ml
RCF range (xg)	0-28174xg adjustable
Temperature control range	-20℃~+40℃
Noise(dBA)	≤58dB(A)
Refrigerant	R404A
Dimension(mm)	680x580x420mm(LxWxH)
Time range	1-99minutes 59s adjustable
Speed accuracy	±10r/min
ACC/DEC	1-10 rates
Temperature control accuracy	±1℃
Net weight(without rotor)	110KGS
Power supply	AC220V,50HZ,10A, 1300W

No.	Item	Max. capacity	Max.spe ed	Max.RCF	Note
NO.1	Angle rotor	12x1.5/2.2ml	20000r/ min	28174xg	PP/PC tube
	Adapter	12x0.5ml			
		12x0.2ml			
NO.2	Angle rotor	12x5ml	17000r/ min	20680xg	PP/PC tube
	Adapter	12x1.5ml			PP/PC tube
NO.3	Angle rotor	24x1.5/2.2ml	16000r/ min	24041xg	PP/PC tube
	Adapter	24x0.5ml			
		24x0.2ml			
NO.4	Angle rotor	10x15ml	15000r/ min	26161xg	PP/PC tube
	Adapter	10x10ml			
		10x5ml			
	Adapter	10x1.5ml			
NO.5	Angle rotor	48×1.5/2.2ml	1500 Or/min	23394xg	PP/PC tube
	Adapter	48x0.5ml			
		48x0.2ml			

NO.6 	Angle rotor	12×10ml	15000r/min	21130xg	PP/PC tube
	Adapter 	12×5ml			
		12x1.5ml			
NO.7 	Angle rotor	6×50ml	14000r/min	21255xg	PP/PC tube
	Adapter 	6×15ml			
		6×10ml			
	Adapter 	6×1.5ml			
NO.8 	Angle rotor	6×100ml	11000r/min	14610xg	PP/PC tube
	Adapter 	6×50ml			
		6×15ml			
		6×10ml			
		6×5ml			
		6×1.5ml			
NO.9 	Angle rotor	8×50ml	12000r/min	17226xg	PP/PC tube
	Adapter 	8×15ml			
		8×10ml			
	Adapter 	8×1.5ml			
NO.10 	Swing bucket	4×250ml	4000r/min	3049xg	Round cup
	Adapter 	4×9x5/2ml			PP/PC tube
		4×5x15/10ml			
		4×50ml			
		4×100ml			
	Adapter 	4×9x1.5ml			
NO.11 	Swing bucket	4×400ml	4000r/min	3049xg	Square cup
	Adapter 	4×16x5/2ml			PP/PC tube
		4×9x15/10ml			
		4×4x50ml			
		4×100ml			

NO.12 	Swing bucket	4×500ml	4000r/min	3354xg	Round cup
	Adapter 	4×17×5/2ml			PP/PC tube
		4×8×15/10ml			
		4×3×50ml			
		4×100ml			
NO.13 	Swing bucket	4×600ml	4000r/min	3354xg	Square cup
	Adapter 	4×25×5/2ml			PP/PC tube
		4×12×15/10ml			
		4×5×50ml			
		4×4×100ml			
NO.14 	Swing bucket	4×750ml	4000r/min	3443xg	Round cup
	Adapter 	4×26×5/2ml			PP/PC tube
		4×13×15/10ml			
		4×5×50ml			
		4×3×100ml			
NO.15 	Microplate rotor	2×2×96hole	4200r/min	2860xg	Square cup
	Adapter 	2×32×1.5ml			PP/PC tube

Benchtop | Low Speed | Ventilated | Centrifuge

DS-40T



Product Overview

Adaptability: Versatile fixed-angle rotors catering to various needs.
Flexible Tube Capacity: Accommodates tubes from 2 ml to 50 ml effortlessly.
Powerful RCF: Achieves an RCF of over 2,680 x g for precise separations.
Wide Application Range: From clinical diagnostics to academia and industrial sectors.
Trusted Performance: Embraced by professionals and researchers globally.



Product Features

- Versatility and Precision in One:
- Explore unparalleled versatility with our Benchtop Centrifuge DS-40T. Tailored for various applications, it comes with a wide array of fixed-angle rotors, ensuring adaptability to your specific needs.
- Accommodating Various Tube Sizes:
- Equipped with a diverse selection of accessories, this centrifuge effortlessly accommodates tubes ranging from 2 ml to 50 ml. No matter your sample volume, rest assured, it's handled with precision.
- High RCF for Comprehensive Applications:
- With a maximum Relative Centrifugal Force (RCF) exceeding 2,680 x g, our DS-40T centrifuge is ideal for a myriad of fields. From clinical diagnostics to veterinary medicine, pharmaceuticals, environmental analysis, and industrial production, it delivers consistent, high-quality results.
- Trusted Across Industries and Academia:
- Embraced by esteemed universities and research facilities, this centrifuge is a hallmark of reliability and efficiency. Its robust performance ensures it meets the demands of diverse research environments.

MODEL NO	DS-40T
Speed range(rpm)	0-4000rpm adjustable
Max Capacity(ml)	6*50ml
Noise(dBA)	≤55dB(A)
Dimension(mm)	430x320x250mm
Power supply	AC220V,50HZ,10A, 60W
Speed accuracy	±10rpm
RCF range (xg)	0-2268xg adjustable
Time range	1-99minutes adjustable
Net weight(without rotor)	18KGS

No.	Rotor	Capaci ty	Max.s peed	Max.R CF	Note
NO.1	Angle rotor	24×10/ 5ml	4000r /min	2268x g	PP/PC tube / Vacuum blood collection tubes
	Adapter	24×2ml			
	Adapter	24×1.5 ml			
NO.2	Angle rotor	6×50ml	4000r /min	2268x g	PP/PC tube
	Adapter	6×15/1 0ml			
		6×5ml			

BenchtopLow speed |Ventilated Centrifuge

DS-50X



Product Overview

The DS-50X benchtop centrifuge seamlessly integrates cutting-edge technology with an impressive capacity. Equipped with a variety of swing-out and fixed-angle rotors, it accommodates tubes ranging from 15ml and 50ml to vacuum blood collection tubes. Its extensive accessory range caters to tubes and flasks from 2ml to 100ml, ensuring adaptability for diverse laboratory needs.

Perfect for Varied Applications:

With a maximum Relative Centrifugal Force (RCF) of 3354 x g, the DS-50X stands ready for a multitude of applications. From clinical diagnostics and veterinary medicine to pharmaceuticals, environmental analysis, and industrial production, this centrifuge excels. It's also the ideal choice for universities and research facilities, offering unparalleled efficiency and reliability in every spin.



Product Features

1. **Durable Construction:** Its metal housing, metal lid, and 304# stainless steel centrifuge chamber can endure autoclaving and resist detergents and disinfectants.
2. **Advanced Control:** Powered by a microprocessor with frequency conversion A.C. motor drive, ensuring precision and efficiency.
3. **Intuitive LED Display:** The LED screen showcases Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration settings, and Error codes, enhancing operational clarity.
4. **Effective Sealing:** Equipped with double-layer sealing rings on the lid and instrument, ensuring prolonged and secure sealing.
5. **User-Friendly Interface:** The machine boasts an intuitive control panel; a detailed view is displayed for ease of operation.
6. **Programmable Convenience:** Offers programmable storage for up to 30 programs, accessible with a single keystroke even after the machine is switched off, ensuring ease of use.
7. **Optimal Performance:** With 10 acceleration rates and 10 braking ramps, it prevents secondary sedimentation, ensuring superior centrifugation results.
8. **Automatic Lid-Locking:** Ensures the lid remains securely locked during rotor operation.
9. **Rotor Flexibility:** Easily exchangeable rotors enhance adaptability for varied applications.
10. **Error Detection:** Automatic troubleshooting with on-screen error code indication and alarms.
11. **Noise Control:** Utilizes patented "Mute" technology, maintaining noise levels below 55 decibels at maximum speed.
12. **International Safety Standards:** Manufactured in adherence to international safety standards like IEC 61010.
13. **Emergency Protocols:** Features electrical lid interlock, preventing lid opening while the rotor is active, and an emergency lid-lock release during power failures.
14. **Gas Hinge:** Incorporates a gas hinge for added safety during lid drop.
15. **Over Speed Protection:** Safety protocols are integrated to prevent over-speed scenarios, ensuring user-machine safety.
16. **A Centrifuge You Can Trust:**
17. **Experience seamless operation, advanced features, and unmatched safety with our state-of-the-art centrifuge. Designed for precision, reliability, and user convenience, it stands as your trustworthy laboratory companion.**

MODEL NO	DS-50x
Speed range(rpm)	0-5000rpm adjustable
Max Capacity(ml)	4*100ml
Display	LCD
Noise(dBA)	≤55dB(A)
Dimension(mm)	500x400x300mm
Net weight(without rotor)	25KGS
Speed accuracy	±10rpm
RCF range (xg)	0-3354xg adjustable
Time range	1s-99minutes
Acceleration /Deceleration rates	0-- 9
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,320W

Benchtop | Low speed | Ventilated | Centrifuge

DS-60X



Product Overview

The DS-60X integrates advanced technology for precise and efficient centrifugation processes.

Versatile Rotor Options: Equipped with a variety of fixed-angle rotors and diverse adapters, accommodating tubes and flasks ranging from 2 ml to 50 ml, providing unparalleled versatility.

Wide Application Range: ideal for applications across clinical diagnostics, veterinary medicine, pharmaceuticals, environmental analysis, and industrial production, as well as in universities and research facilities.

Experience unparalleled performance and versatility with the DS-60X Benchtop Centrifuge, your ultimate solution for a myriad of laboratory needs.



Product Features

1. **Space-Saving Design:** Compact and portable, it maximizes your lab space while ensuring high performance.
2. **Intelligent Control:** Equipped with a microprocessor and frequency conversion A.C. motor drive, it offers accurate control over Speed, Timer, RCF, Rotors, Program(Memory), Acceleration & Deceleration, and provides real-time Error code information on its LED Display.
3. **Quiet Operation:** Utilizing innovative "Mute" patent technology, it operates at a noise level lower than 55 decibels even at its highest rotational speed, ensuring a peaceful lab environment.
4. **Customized Functionality:** Tailor your experiments with ease. It offers three levels of damping systems, ten Lifting and lowering speed curves, and the ability to store and recall 30 self-defined operating procedures, meeting diverse experimental needs.
5. **Robust Construction:** Built with a metal housing, metal lid, and a 304# stainless steel centrifuge chamber, it's autoclave-able and resistant to detergents and disinfection liquids, ensuring durability and longevity.
6. **Enhanced Safety:** It comes with multi-level safety features, including over-speed and over-temperature protection, electronic safety door lock, and an emergency lid-lock release in case of power failure, guaranteeing both user and machine safety.

MODEL NO	DS-60X
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	24*15ml
Display	LED
Noise(dBA)	≤55dB(A)
Dimension(mm)	420x320x240mm
Net weight(without rotor)	18KGS
Speed accuracy	±10rpm
RCF range (xg)	0-4588xg adjustable
Time range	1s-99minutes
Acceleration /Deceleration rates	0-- 9
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,170W

No.	Item	Capacity	Max. rotational speed	Max. RCF	Note
NO.1	Angle rotor	12×5-10-15ml	6000r/min	4588xg	PC/PP tube
	Adapter	12×2ml			Vacuum blood collection tubes
NO.2	Angle rotor	6×50ml	5000r/min	3354xg	PC/PP tube bottom
	Adapter	6×15/10ml			PC/PP tube
		6×5ml			Vacuum blood collection tubes
NO.3	Angle rotor	18×5-10ml	4500r/min	2717xg	PC/PP tube/Vacuum blood collection tubes
	Adapter	18×2ml			Vacuum blood collection tubes
NO.4	Angle rotor	24×15ml	4000r/min	2160xg	PC/PP tube/Vacuum blood collection tubes
	Adapter	24×2ml			Vacuum blood collection tubes

Benchtop|Low Speed |Ventilated |Centrifuge

DS-4



Product Overview

Our low-speed centrifuge DS-4 combines a small footprint with lightweight design, ensuring effortless operation and minimal noise. Ideal for small-volume separation tasks, it stands as the top choice for hospitals, research institutes, and universities of all levels. Specifically tailored for cosmetic surgery hospitals, beauty salons, health centers, and more, it guarantees efficient and precise results every time.



Product Features

- 1. Advanced Design for Seamless Performance:**
- Crafted with a coated ABS plastic exterior and a robust 304# stainless steel centrifuge chamber, our centrifuge guarantees durability and resilience against disinfectants and detergents. The aluminum alloy rotor ensures optimal performance.
- 2. User-Friendly Interface and Convenient Features:**
- Featuring an intuitive observation window for speed calibration and noise measurement, the microprocessor control, driven by a maintenance-free brushless DC motor, ensures seamless operation. The digital display showcases key Aparameters such as Speed, Timer, and RCF. Compact and lightweight, the high-strength ABS structure enhances durability and ease of mobility.
- 3. Efficient Operation with Smart Technology:**
- Automatic lid-locking and secure rotor exchange simplify usage, while real-time conversion between r/min and RCF ensures precise results. The machine's intelligent system automatically troubleshoots, displaying error codes and alarms on the screen. Our patented "Mute" technology maintains a noise level below 55 decibels even at the highest rotational speed.
- 4. Ensured Safety Compliance:**
- Designed in accordance with international safety standards like IEC 61010, the centrifuge incorporates safety features such as electrical lid interlock, preventing operation when the rotor is running or the lid is open. In case of power failure, the emergency lid-lock release ensures safety. Additionally, gas hinges protect against lid drops, and built-in protections prevent over speeding, prioritizing user safety.



MODEL NO	DS-4
Speed range(rpm)	0-4000rpm adjustable
Max Capacity(ml)	8*15ml
Noise(dBA)	≤55dB(A)
Dimension(mm)	310x270x205mm
Power supply	AC220V,50HZ,10A,60W
Speed accuracy	±10rpm
RCF range (xg)	0-2100xg adjustable
Time range	0-99minutes adjustable
Net weight(without rotor)	7KGS

No.	Rotor	Capacity	Max. speed	Max. RCF	Note
NO. 1	Angle rotor	8×15/10/5 ml	4000r/min	1900 xg	Blood collection tube/PP/PC tube
	Adapt	8×2ml			Blood collection tube
NO. 2	Angle Rotor	12×5ml	4000r/min	2100 xg	Blood collection tube
	Adapt	12×2ml			Blood collection tube

Benchtop|Low Speed |Ventilated |Centrifuge

DS-Z4-WS



Product Overview

Adaptable Rotors: Multiple fixed-angle rotors for versatile applications.
Flexible Tube Compatibility: Accommodates tubes from 2 ml to 50 ml seamlessly.
Clinical Precision: Ensures accurate separation for clinical and beauty applications.
Trusted Across Fields: Widely used in hospitals, beauty salons, and dental practices.
Experience the reliability and precision of DS-Z4-WS. Where versatility meets accuracy, your lab work finds its perfect partner.



Product Features

- Versatility Redefined:**
- Meet the Benchtop Centrifuge DS-Z4-WS – your versatile lab companion. Equipped with a variety of fixed-angle rotors, it adapts seamlessly to your diverse needs.
- Accommodating Every Sample:**
- Its wide range of accessories ensures a perfect fit for tubes spanning from 2 ml to 50 ml. Whether you're handling blood samples in clinical tests, operating in hospital laboratories, or even in beauty salons and dental hospitals, DS-Z4-WS delivers consistent results.
- Precision Where it Matters:**
- In clinical tests, the accuracy of your results is paramount. DS-Z4-WS ensures precise separation, guaranteeing the integrity of your samples and the reliability of your analyses.
- Across Industries, Trusted Performance:**
- From hospitals and clinical setups to beauty salons and dental practices, DS-Z4-WS is trusted for its reliable performance. Its robust design and efficient operation make it the go-to choice for professionals across diverse fields.

MODEL NO	DS-Z4-WS
Speed range(rpm)	0-4000rpm adjustable
Max Capacity(ml)	12*20ml
Noise(dBA)	≤55dB(A)
Dimension(mm)	430x320x250mm
Power supply	AC220V,50HZ,10A,60W
Speed accuracy	±10rpm
RCF range (xg)	0-2680xg adjustable
Time range	1min-99min adjustable
Net weight(without rotor)	18KGS

No.	Rotor	Capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×10/5ml	4000r/min	2680xg	PP/PC tube / Vacuum blood collection tubes
	Adapter	12×2ml			Vacuum blood collection tubes
NO.2	Angle rotor	12×20/5ml	4000r/min	2680xg	Vacuum blood collection tubes
	Adapter	12×2ml			Vacuum blood collection tubes
NO.3	Angle rotor	18×10/5ml	4000r/min	2680xg	PP/PCtube/Vacuum blood collection tubes
	Adapter	18×2ml			Vacuum blood collection tubes
	Adapter	18×1.5ml			PP/PCtube
NO.4	Angle rotor	4×50ml	4000r/min	2680xg	PP/PCtube
	Adapter	4×15/10ml			Vacuum blood collection tubes
		4×5/2ml			Vacuum blood collection tubes

Benchtop|Low Speed |Ventilated |Centrifuge

DS-Z5-WS



Product Overview

DS-Z5-WS Benchtop Centrifuge, a fusion of cutting-edge technology and exceptional capacity. It comes equipped with a variety of swing-out and fixed-angle rotors, complemented by an array of buckets and adapters, accommodating tubes and flasks ranging from 2 ml to 400 ml, including microtiter and deepwell plates.

Wide Compatibility: With its versatile accessories, it seamlessly caters to applications in clinical diagnostics, veterinary medicine, pharmaceuticals, environmental analysis, and industrial production. It's also ideal for use in universities and research facilities.




Powerful Centrifugal Force: Achieves a maximum Relative Centrifugal Force (RCF) exceeding 4752xg, ensuring efficient separation and processing across a multitude of samples.









Product Features

1. Robust Construction: Crafted from high-quality steel, including a blast-proof steel chamber and autoclave-able 304# stainless steel, ensuring durability and resistance to disinfectants.
2. Precision Control: Microprocessor-controlled with a frequency conversion A.C. motor drive, offering accurate and efficient centrifugation processes.
3. Intuitive Interface: The LED display showcases vital parameters, including Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration details, and Error Codes, enhancing operational clarity.
4. User-Friendly Design: Featuring a dual-layer sealing ring for enhanced lid and instrument sealing, alongside programmable memory storing up to 30 programs. Adapters ranging from 0.5 ml to 500 ml provide versatile usage.
5. Efficient Operation: Offers 10 acceleration rates and 10 braking ramps to prevent secondary sedimentation, ensuring superior centrifugation results.
6. Safety First: Complies with international safety regulations (e.g., IEC 61010). Equipped with electrical lid interlock, automatic lid-locking during rotor run, emergency lid-lock release during power failure, and a gas hinge for lid drop protection.
7. Reliable Performance: Boasts automatic troubleshooting capabilities, displaying error codes and alarms on the screen. Operates quietly, generating noise levels below 58 decibels even at maximum rotational speed.

MODEL NO	DS-Z5-WS
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*400ml
Display	LCD
Noise(dBA)	≤58dB(A)
Dimension(mm)	600x440x360mm
Net weight(without rotor)	40KGS
Speed accuracy	±10rpm
RCF range (xg)	0-4752xg adjustable
Time range	1min-99minutes
Acceleration /Deceleration rates	1-- 10
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,570W

No.	Item	Capacity	Max.speed	Max.RCF	Note	
NO.1	Angle rotor	12×5-10-15ml		6000r/min	4588xg	PP/PCtube
	Adapter	12×2ml				
NO.2	Swing rotor	Steel frame rotor		5000r/min	4752xg	
	Swing frame	4×100ml				PP/PCtube
	Adapter	4×15/10ml				PP/PCtube
	Swing frame	4×50ml				PP/PCtube
	Adapter	4×15/10ml				PP/PCtube
NO.3	Swing rotor	Steel frame rotor		4000r/min	3041xg	
	Swing frame	4×2×100ml				PP/PCtube
	Adapter	4×2×15/10ml				PP/PCtube
	Swing frame	4×2×50ml				PP/PCtube
	Adapter	4×2×15/10ml				PP/PCtube
	Swing frame	4×8×15/10/5 ml				PP/PC/Vacuum blood collection tubes
	Rack	4×12×5/2ml				4000r/min

NO.4		Swing rotor	4×18×2/5ml	4000r/min	2773xg	Vacuum blood collection tubes
NO.5		Swing bucket	4×400ml	4000r/min	3049xg	Square bucket
			4×16×5/2ml			Vacuum blood collection tubes
			4×9×15/10ml			PP/PCtube
			4×4×50ml			
			4×100ml			
NO.6		Swing bucket	4×250ml	4000r/min	3049xg	Round bucket
			4×9×5/2ml			Vacuum blood collection tubes
			4×5×15/10ml			PP/PCtube
			4×50ml			
			4×100ml			
			4×9×1.5ml			
			NO.7			
	2×32×1.5ml	PP/PCtube				

Bench top | Low Speed | Ventilated | Centrifuge

DS-6B



Product Overview

Our versatile benchtop centrifuge DS-6B, designed to meet a myriad of laboratory needs. Equipped with a diverse selection of swing-out and fixed-angle rotors, along with various buckets and adapters, this centrifuge offers unparalleled flexibility



Product Features

















1. **Rotors and Accessories:** Accompanied by a wide array of rotors, buckets, and adapters, catering to tubes, flasks from 0.5 ml to 750 ml, as well as microtiter and deepwell plates.
2. **Optimal Capacity:** this centrifuge excels in multiple fields including clinical diagnostics, veterinary medicine, pharmaceuticals, environmental analysis, and industrial production.
3. **Versatile Applications:** Ideal for universities and research facilities, it seamlessly integrates into various research projects, ensuring precise and reliable results.
4. **Experience unmatched versatility and performance** in your lab with the DS-6B centrifuge. Tailored for a wide range of applications, it's your trusted partner in scientific exploration.
5. **Program Management:** Programmable and storable, it can save up to 30 programs, accessible with a single keystroke even after the centrifugation cycle ends.
6. **Acceleration and Braking Control:** Offers 10 acceleration rates and 10 braking ramp settings, preventing secondary sedimentation and enhancing centrifugation efficiency.
7. **Automatic Lid Security:** The centrifuge features automatic lid-locking and holding during rotor operation, ensuring user safety.
8. **Rotor Versatility:** Easily exchangeable rotors allow for seamless adaptation to different sample types and sizes.
9. **Intelligent Troubleshooting:** Automatic troubleshooting with error code indication and alarms on the screen simplifies issue resolution.
10. **Quiet Operation:** Operating at a noise level below 58 decibels even at the highest rotational speed, it ensures a peaceful laboratory environment.
11. **Robust Construction:** Crafted from high-quality steel and featuring a blast-proof steel chamber, along with an autoclave-able 304# stainless steel chamber, it's resistant to detergents and disinfectants.
12. **Observations Window:** The lid boasts an observation window, ensuring easy speed calibration and noise measurement.
13. **Microprocessor Control:** Equipped with a microprocessor and frequency conversion A.C. motor drive for efficient and accurate operations.
14. **LCD Display:** The LCD screen showcases Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration details, and provides error code information for seamless monitoring.
15. **Double Layers Sealing:** A double-layer sealing ring ensures a secure seal between the centrifuge lid and the instrument, maintaining optimal conditions.
16. **Vibration Control:** Six levels of damping technology mitigate vibrations, ensuring the best centrifugal effect. Adapters from 0.5 ml to 500 ml are available.

Benchtop | Low Speed | Ventilated | Centrifuge

DS-6B

MODEL NO	DS-6B
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*750ml
Display	7"LCD
Noise(dBA)	≤58dB(A)
Dimension(mm)	600x470x370mm
Speed accuracy	±10rpm
RCF range (xg)	0-4752xg adjustable
Time range	1s-99minutes adjustable
Acceleration /Deceleration rates	1-- 10
Motor	Frequency Converter motor
Power supply	AC220V,50HZ,10A,770W
Net weight(without rotor)	50KGS

No.	Rotor	Capacity	Max. speed	Max.RCF	Note
NO.1	Angle rotor	12×15ml-10ml-5ml	6000r/min	4588xg	PP/PCtube
	Adapter	12×2ml			
NO.2	Swing rotor	Steel frame rotor	5000r/min	4752xg	
	Swing frame	4×100ml			PP/PCtube
	Adapter	4×15/10ml			PP/PCtube
	Swing frame	4×50ml			PP/PCtube
	Adapter	4×15/10ml			PP/PCtube

<div>NO.3</div> 	Swing rotor	Steel frame rotor	4000r/min	3041xg	PP/PCtube
	 Swing frame	4×2×100ml			PP/PC tube
	 Adapter	4×2×15/10ml			PP/PC tube
	 Swing frame	4×2×50ml			PP/PC tube
	 Adapter	4×2×15/10ml			PP/PC/tube/vacuum blood collection tube
	 Swing frame	4×8×15/10/5ml			PP/PC tube/vacuum blood collection tube
	 Rack	4×12×5/2ml			vacuum blood collection tube
<div>NO.4</div> 	Swing bucket	4×18×5/2ml	4000r/min	2773xg	Vacuumblood collection tube
<div>NO.5</div> 	Swing bucket	4×600ml	4000r/min	3354xg	Square cup
	 Adapter	4×25×5/2ml			vacuum blood collection tube
		4×12×15/10ml			PP/PC tube
		4×5×50ml			
		4×4×100ml			
<div>NO.6</div> 	Swing bucket	4×500ml	4000r/min	3354xg	Round cup
	 Adapter	4×17×5/2ml			vacuum blood collection tube
		4×8×15/10ml			PP/PC tube
		4×3×50ml			
		4×100ml			
<div>NO.7</div> 	Swing bucket	4×750ml	4000r/min	3443xg	Round cup
	 Adapter	4×26×5/2ml			vacuum blood collection tube
		4×13×15/10ml			PP/PCtube
		4×5×50ml			
		4×3×100ml			
<div>NO.8</div> 	Microplate rotor	2×2×96hole	4000r/min	2860xg	Square cup
	 Adapter	2×32×1.5ml			PP/PCtube
<div>NO.9</div> 	Swing rotor	6×2×30ml	4500r/min	3170xg	Suitablefor liquid-based cell adsorbent sandwich cup

Benchtop|LowSpeed|Refrigerated|Centrifuge

DS-L-60R



Product Overview






- Equipped with a 4x100ml horizontal rotor, compatible with adapters for nucleic acid centrifuge tubes, vacuum blood collection tubes.
- External USB interface for tracking over 1000 sets of centrifuge data.
- Fixed angle rotor, Swing out rotor available



Product Features

- User friendly:**
- CFC free refrigeration system, Pre-cooling feature, Precise temperature control up to -9°C .
- Programmable and storable, stores up to 1000 programs and provides direct user access with one keystroke save. The stored parameter: combination remains in the memory even after the centrifugation has been switched off.
- Automatic lid-locking and holding during rotor run.
- Easily exchangeable rotors.
- Automatic troubleshooting with indication of error code and alarm on the screen.
- The highest speed operation noise is less than 50 decibels.
- Safety:**
- Produced according to international safety regulations (e.g. IEC 61010)
- Safety Electrical lid interlock, door can not open when rotor is running and machine won't run when lid open and error code appears.
- Emergency lid-lock release when power failure.
- Gas hinge for lid drop protection.
- Safety protections are made for the over speed, over heating(motor, chamber), imbalance etc to ensure the man machine safety.
- Blood collection trolleys or houses may be used by a variety of personnel, so micro centrifuge DS-L-60R designed for this purpose are typically fast and efficient, with high spin speeds and short cycle times, easy to use and intuitive.
- It has pre-programmed settings that make it easy to spin the blood correctly. It process blood quickly to ensure that it remains viable for medical use.
- Design:**
- Metal housing, metal lid, and stainless steel centrifuge chamber are autoclave-able and resistant detergents and disinfection liquids.
- Observations window on lid for speed calibration and noise measurement.
- Microprocessor control with frequency conversion A.C. motor drive.
- Adopt high efficiency environmental protection refrigeration system, no environmental pollution, high precision temperature control.
- Touch five-inch colour screen display all parameters of the instrument operation, the user can set the centrifugal speed and centrifugal time arbitrarily.
- Centrifuge operating system with a password to prevent misuse, external USB interface, can track and trace more than 1000 sets of centrifugal data.
- Light weight, small size, simple, beautiful and generous appearance, unique suction cup feet can firmly grasp the placement surface, even when driving without worrying about centrifuge movement.
- Four suction cup feet can be adjusted high and low, while the centrifuge built-in level, blood collection vehicle in the case of uneven ground can still adjust the centrifuge to a stable state of use, the best centrifugal effect, the use of safer.
- Equipped with 4 x 100ml horizontal rotor, optional nucleic acid centrifuge tubes, vacuum blood collection tubes, 15ml, 10ml, 8ml, 5ml, 2ml and other centrifuge tube adapters.

MODEL NO	DS-L-60R
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*100ml
RCF range (xg)	0-4860xg adjustable
Temperature control range	-9℃~+40℃
Noise(dBA)	50dB(A)
Refrigerant	A134
Dimension(mm)	580x350x370mm(LxWxH)
Time range	1s-99minutesadjustable
Speed accuracy	±10r/min
ACC/DEC	1-10 rates
Temperature control accuracy	±1℃
Net weight(without rotor)	42KGS
Power supply	AC220V,50HZ,10A, 320W

NO.1 	Angle rotor	24x15/10/5ml	6000r/min	4860xg	PP/PC tube
	Adapter 	24x2ml			PP/PC tube
NO.2 	Swing rotor	steel frame rotor	5000r/min	3437xg	PP/PC tube
	Swing frame	4x100ml			
	Adapter 	4x5x5ml			PP/PC tube
	Adapter 	4x4x8/10ml			PP/PC tube

Benchtop | Low Speed | Refrigerated | Centrifuge

DS-L-5M



Product Overview

Our DS-L-5M low speed refrigerated centrifuge stands as the epitome of precision in scientific research and medical laboratories. Specifically engineered to separate substances of varying densities within a sample, this centrifuge guarantees accuracy and reliability in every use.

The integrated refrigeration feature enables meticulous temperature control throughout the separation process. This temperature stability is vital for preserving the integrity of delicate samples, ensuring your results are always accurate.

Trusted by professionals in scientific research and medical laboratories, the DS-L-5M ensures the seamless separation of substances, allowing for in-depth analyses and reliable outcomes.

DS-L-5M is designed to handle a diverse range of samples, this centrifuge accommodates various densities, making it indispensable in fields such as biochemistry, clinical research, and pharmaceutical studies.

Upgrade your laboratory capabilities with the DS-L-5M low speed refrigerated centrifuge where precision meets reliability, ensuring your scientific endeavors yield the most accurate results.



Product Features

1. Innovative Design:

2. **Robust Construction:** Crafted with a metal housing, metal lid, and a stainless steel centrifuge chamber, our centrifuge is both autoclave-able and resistant to a variety of detergents and disinfection liquids, guaranteeing longevity and resilience.
3. **Precision Control:** The microprocessor control, powered by a frequency conversion A.C. motor drive, ensures precise and consistent operation, elevating the reliability of your experiments.
4. **Intuitive Interface:** Featuring an LCD display, our centrifuge provides real-time parameters, including Speed, Timer, RCF, Rotors, Program (Memory), Acceleration & Deceleration information, and Error codes. Its user-friendly interface enhances your operational experience.

5. Efficiency and Adaptability:












6. **Customized Programming:** With the ability to store up to 30 programs, our centrifuge offers programmable settings. These stored combinations remain intact even after the machine has been switched off, ensuring seamless continuity in your experiments.
7. **Adaptable Rotors:** Easily exchangeable rotors, coupled with a special rotor connector for effortless loading and unloading, enhance the adaptability of our centrifuge for a wide range of applications.
8. **Quiet Operation:** Our centrifuge employs "Mute" patent technology, ensuring a noise level lower than 58 decibels at its highest rotational speed. Experience the efficiency without the disturbance.

9. Enhanced Safety Features:

10. **Fail-Safe Mechanisms:** Designed in adherence to international safety regulations, including IEC 61010, our centrifuge incorporates a safety electrical lid interlock. The machine won't run when the lid is open, preventing accidents and ensuring user safety.
11. **Emergency Measures:** In case of a power failure, an emergency lid-lock release engages, providing a swift response during unexpected interruptions. Additionally, a gas hinge protects against accidental lid drops, enhancing overall safety.
12. **Rotor Safeguards:** Safety protections extend to preventing over-speeding, over-heating of the motor and chamber, as well as imbalance issues, guaranteeing both the user and the machine's safety.

MODEL NO	DS-L-5M
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*750ml
RCF range (xg)	0-4752xg adjustable
Temperature control range	-20℃~+40℃
Noise(dBA)	≤58dB(A)
Refrigerant	R404A
Dimension(mm)	670x730x400mm(LxWxH)
Time range	1-99minutes 59s adjustable
Speed accuracy	±10r/min
ACC/DEC	1-10 rates
Temperature control accuracy	±1℃
Power supply	AC220V,50HZ,10A, 1300W
Net weight(without rotor)	100KGS

No.	Item	Max. capacity	Max.sp eed	Max.RCF	Note
NO.1	Angle rotor	12x15/10/5ml	6000r/ min	4588xg	PP/PC tube
	Adapter	12x2ml			PP/PC tube
NO.2	Swing rotor	steel frame rotor	5000r/ min	4752xg	PP/PC tube
	Swing frame	4x100ml			PP/PC tube
	Adapter	4x15/10ml			PP/PC tube
	Swing frame	4x50ml			PP/PC tube
	Adapter	4x15/10ml			PP/PC tube

<div>NO.3</div> <div></div>	Swing rotor	steel frame rotor	4000r/ min	3041xg	PP/PC tube
	Swing frame	<div></div> 4x2x100ml			
	Adapter	<div></div> 4x2x15/10ml			
	Swing frame	<div></div> 4x2x50ml			
	Adapter	<div></div> 4x2x15/10ml			
	Swing frame	<div></div> 4x8x15/10/5ml			
	Rack	<div></div> 4×12×5/2ml			
<div>NO.4</div> <div></div>	Swingbucket	4×18×2/5ml	4000r/ min	2773xg	Vacuum blood collection tubes
<div>NO.5</div> <div></div>	Swing bucket	4×600ml	4000r/ min	3354xg	Square cup
	Adapter	<div></div> 4×25×5/2ml			Vacuum blood collection tubes
	Adapter	<div></div> 4×12×15/10ml			PP/PC tube
		4×5×50ml			
		4×4×100ml			

Biosafety Blood Tube Automatic Decapping Centrifuge Benchtop | Low Speed

DS-450



Product Overview

DS-450 Large Centrifuge, engineered to redefine safety standards in laboratories. Designed as a bio-safety centrifuge, it incorporates advanced features ensuring both sample integrity and operator protection during operations.



Product Features

1. **Bio-Safety Assurance:** The DS-450 is purposefully crafted with robust bio-safety features. It provides a secure environment for handling sensitive biological samples, safeguarding against contamination and ensuring the integrity of experiments.
2. **Ultraviolet Sterilization:** Equipped with a built-in ultraviolet sterilization lamp, this centrifuge utilizes UV technology to sterilize the chamber thoroughly. This process eliminates the risk of sample contamination, guaranteeing a sterile environment for experiments.
3. **Air Tight Swing Bucket Cover:** Each swing bucket features a separate air-tight cover. This meticulous design prevents any leaks or spills during high-speed centrifugation, maintaining sample integrity and laboratory cleanliness.
4. **Efficient Aerosols Filtering:** The centrifuge boasts an efficient aerosols filtering system. This system captures and filters airborne particles, ensuring a clean and safe laboratory atmosphere while the centrifuge operates at high speeds.
5. **Operator Protection:** Prioritizing operator safety, the DS-450 contains aerosols and filters the air, minimizing the risk of exposure. Researchers can work confidently, knowing they are protected while handling samples.
6. **Comprehensive Safety:** With features such as the aerosols filtering system, ultraviolet sterilization, and air-tight covers, the DS-450 ensures comprehensive safety. It creates an ideal environment for experiments, allowing researchers to focus on their work without concerns about contamination or exposure.
7. **The DS-450 Large Centrifuge is more than just a laboratory instrument; it's a commitment to the highest safety standards. Elevate your research with a centrifuge designed to protect both your samples and your team. Choose the DS-450 for unparalleled bio-safety in your laboratory experiments**

MODEL NO	DS-450
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*400ml
RCF range (xg)	0-4588xg adjustable
Noise(dBA)	≤58dB(A)
Power supply	AC220V,50HZ,10A, 570W
Time range	1s-99minutesadjustable
Speed accuracy	±10r/min
ACC/DEC rates	0-9
Net weight(without rotor)	40KGS
Dimension(mm)	580x440x360mm(LxWxH)

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12x15/10/5ml	6000r/min	4588xg	PP/PC tube
	Adapter	12x2ml			
NO.2	Swing bucket	4x300ml	4000r/min	3050xg	Square bucket
	Adapter	4x12x5/2ml			
		4x6x15/10ml			
		4x2x50ml			
		4x100ml			
NO.3	Swing bucket	4x400ml	4000r/min	3050xg	Square bucket
	Adapter	4x16x5/2ml	4000r/min	3050xg	Square bucket
		4x9x15/10ml			
NO.4	Swing bucket	4x250ml	4000r/min	3049xg	Round bucket with air tight cover
	Adapter	4x13x5/2ml			
		4x5x15/10ml			
		4x2x50ml			
		4x100ml			

Biosafety Blood Tube Automatic Decapping Centrifuge Benchtop | Low Speed

DS-540

● ○
Product Overview

Designed with advanced bio-safety features, the DS-540 Large Centrifuge ensures both operator and sample safety during operations. Equipped with a robust aerosols filtering system, it effectively captures and filters airborne particles, enhancing the laboratory environment



● ○
Product Features

1. The Benchtop Centrifuge DS-540 features an A.C. frequency brushless motor with direct drive, ensuring high precision, low noise, and long service life.
2. Equipped with microprocessor control and an LCD touchpad display, it allows for easy programming and storage of customized settings.
3. Simultaneous display of speed, centrifugal force, and time provides a convenient and efficient user experience.
4. Bio-Safety Assurance: The DS-540 is meticulously engineered as a bio-safety centrifuge. Its design incorporates cutting-edge features to prevent contamination and ensure the integrity of biological samples.
5. Ultraviolet Sterilization: Fitted with a built-in ultraviolet sterilization lamp, this centrifuge employs UV technology to sterilize the chamber, further minimizing the risk of sample contamination and ensuring a sterile environment.
6. Air Tight Swing Bucket Cover: Each swing bucket is equipped with a separate air-tight cover. This ensures that samples are securely contained, preventing any potential leaks or spills during high-speed centrifugation.
7. Efficient Aerosols Filtering: The centrifuge incorporates a robust aerosols filtering system. This system effectively captures airborne particles, guaranteeing a clean and safe laboratory atmosphere while the centrifuge operates at high speeds.
8. Operator Protection: Not only does the DS-540 safeguard samples, but it also prioritizes operator protection. By containing aerosols and filtering the air, it reduces the risk of exposure, creating a secure environment for laboratory personnel.
9. Comprehensive Safety: With its combination of features, including the aerosols filtering system, ultraviolet sterilization, and air-tight covers, the DS-540 provides comprehensive safety. Researchers can conduct experiments with confidence, knowing that both their samples and themselves are protected.
10. The DS-540 Large Centrifuge stands as a testament to modern laboratory safety standards. Its innovative design ensures the secure handling of samples while providing a protective environment for researchers. Choose the DS-540 for a seamless blend of safety and efficiency in your laboratory processes.

MODEL NO	DS-540
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*600ml
RCF range (xg)	0-4588xg adjustable
Noise(dBA)	≤58dB(A)
Power supply	AC220V,50HZ,10A, 770W
Time range	1s-99minutes adjustable
Speed accuracy	±10r/min
ACC/DEC rates	0-9
Net weight(without rotor)	50KGS
Dimension(mm)	600x470x370mm(LxWxH)

No.	Item	Max. capacity	Max. speed	Max.RCF	Note
NO.1	Angle rotor	12x15/10/5ml	6000r/min	4588xg	PP/PC tube
	Adapter	12x2ml			
NO.2	Swing bucket	4x600ml	4000r/min	3354xg	Square bucket
	Adapter	4x25x5/2ml			
		4x12x15/10ml			
		4x5x50ml			
		4x4x100ml			
NO.3	Swing bucket	4x500ml	4000r/min	3354xg	Round bucket with air tight lids
	Adapter	4x24x5/2ml			Round bottom or conical tubes
		4x7x15/10ml			Round bottom or conical tubes
		4x4x50ml			PP/PC tubes
		4x2x100ml			PP/PC tubes

Biosafety Blood Tube Automatic Decapping Centrifuge Floor Standing|Low Speed

DS-650



Product Overview

Designed for superior performance, the DS-650 Floor Standing Centrifuge is the pinnacle of large-capacity processing. Tailored to meet the demands of various sectors including blood stations, pharmaceutical factories, biochemistry, and biological products, this centrifuge is the ultimate solution for critical tasks such as blood separation, protein precipitation, and cell collection.



Product Features

1. **Exceptional Capacity:** Equipped with a large-capacity fixed rotor capable of handling 4*1000ml volumes, this centrifuge streamlines high-volume processing tasks with ease. Its versatility extends to accommodating swing-out rotors, providing unmatched flexibility for diverse applications.
2. **Versatile Applications:** Widely utilized in blood stations, pharmaceutical factories, biochemistry labs, and biological product facilities, the DS-650 excels in a myriad of applications, from blood processing to intricate biochemical experiments.
3. **Precision Engineering:** Crafted to meet the highest standards, this centrifuge ensures precise and reliable results. Its advanced technology guarantees efficient blood separation, protein precipitation, and cell collection, enhancing the accuracy of experiments and procedures.
4. **Compliance and Certification:** The DS-650 adheres to rigorous quality and safety standards. It proudly bears the CE security certification, and quality certification, underscoring its commitment to operational excellence and user safety.
5. **User-Friendly Interface:** Designed with user convenience in mind, the DS-650 features an intuitive interface that simplifies operation. Its user-friendly controls and informative display enhance the overall user experience, making complex processes manageable.
6. **Durable Construction:** Built to withstand the demands of high-throughput environments, the DS-650 boasts robust construction. Its durability ensures longevity and reliability, making it a long-term asset for any laboratory or facility.
7. **Experience unmatched performance and reliability** with the DS-650 Floor Standing Centrifuge. From large-scale blood separation to intricate biochemical experiments, this centrifuge delivers exceptional results, making it the instrument of choice for professionals across various scientific fields.

MODEL NO	DS-650
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*1000ml
RCF range (xg)	0-4588xg adjustable
Noise(dBA)	≤55dB(A)
Power supply	AC220V,50HZ,10A, 1200W
Speed range(rpm)	0-6000rpm adjustable
Max Capacity(ml)	4*1000ml
RCF range (xg)	0-4588xg adjustable
Noise(dBA)	≤55dB(A)
Power supply	AC220V,50HZ,10A, 1200W

No.	Item	Max. capacity	Max.spe ed	Max.RCF	Note
NO.1	Angle rotor	12x15/10/5ml	6000r/m in	4588xg	PP/PC tube
	Adapter	12x2ml			
NO.2	Swing bucket	4x600ml	4000r/m in	3354xg	Square cup with wind cover
	Adapter	4x25x5/2ml			Blood collection tubes
		4x12x15/10ml			PP/PC tube
		4x5x50ml			
		4x4x100ml			
NO.3	Swing bucket	4x800ml	4000r/m in	3443xg	Square cup with wind cover
	Adapter	4x30x5/2ml			Blood collection tubes
		4x12x15/10ml			PP/PC tube
		4x6x50ml			
		4x4x100ml			
NO.4	Swing bucket	6x600ml	4000r/mi n	3400xg	Square cup with wind cover
	Adapter	6x25x5/2ml			Blood collection tubes
		6x12x15/10ml			PP/PC tube
		6x5x50ml			
		6x4x100ml			
NO.5	Swing bucket	4x1000ml	4000r/mi n	3578xg	Rhombus cup with wind cover
	Adapter	4x42x5/2ml			Blood collection tubes
		4x18x15/10ml			PP/PC tube
		4x7x50ml			
		4x4x100ml			
NO.6	Swing bucket	4x750ml	4000r/mi n	3443xg	Air tightness cup with wind cover
	Adapter	4x28x5/2ml			Blood collection tubes
		4x9x15/10ml			PP/PC tube
		4x5x50ml			
		4x3x100ml			

Floor-Standing|High Speed |Refrigerated |Centrifuge

DS-22MC



Product Overview

Floor Standing Refrigerated Centrifuge DS-22MC effortlessly handles significant loads with its 4*1000ml fixed rotor and versatile swing-out rotor. Widely utilized in animal and plant molecular biology, cell biology, clinical research, bioengineering, large-scale sample preparation, as well as blood and protein precipitation, its applications are as diverse as its capabilities.


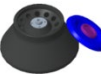


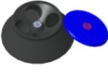






Product Features

1. Durable Build: Autoclave-able steel body and stainless steel chamber ensure longevity.
2. Precision Control: Microprocessor control and frequency conversion motor drive for accurate performance.
3. User-Friendly Interface: Touch color screen displays Speed, Timer, RCF, Rotors, and more.
4. Wind Cover Shield: Prevents air currents from affecting specimens during processing.
5. Advanced Rotor: Super hard aluminium alloy rotor offers excellent sealing and sterilization resistance.
6. Easy Maintenance: Double-layer silicone seal ring in door cover and body.
7. Efficient Cooling: CFC-free environmental protection refrigeration system with dual circuit control.
8. Programmable: Stores up to 30 programs for easy access and consistency in centrifugation.
9. Smooth Operation: 10-speed acceleration and deceleration curves prevent secondary sedimentation.
10. Safety Features:
11. Automatic Lid-Locking: Ensures the lid remains closed during rotor operation.
12. Rotor Locking: Rotor head automatically tightens; incorrect rotor detection enhances safety.
13. Emergency Release: Lid-lock releases in case of power failure.
14. Protection Systems: Equipped with over speed, over current, and unbalance detection for real-time monitoring.

MODEL NO	DS-22-MC
Max. Speed	22000rpm
Speed accuracy	±10rpm
Max.Capacity	4x1000ml
Max. RCF	53028xg
The refrigerant	R-22
Temp.range(at RT 25°C)	-20°C~40°C
Noise	< 60dB(A)
Net weight	250kg
Gross weight	280kg
Power supply	AC220v 50Hz 30A,5kw
Motor	AC frequency conversion motor, direct drive
Screen	Touch LCD color+digital screen
Control	advanced CPU control system
Timer range	1~99h59min
Temp accuracy	±1°C
Acceleration/DecelerationRate	10
Refrigerated	R404A
Dimension	860×730×1200mm(L×W×H)
Packing Size	920×790×1700mm(L×W×H)



No.	Rotor	Capacity	Max.speed	Max. RCF	Note
NO.1 	Fixed Angle Rotor	24×1.5ml	22000r/min	53028xg	PP/PCtube
NO.2 	Fixed Angle Rotor	16×10ml	21000r/min	52300xg	PP/PCtube
NO.3 	Fixed Angle Rotor	12×15ml	18000r/min	36220xg	PP/PCtube
NO.4 	Fixed Angle Rotor	6×50ml	20000r/min	43000xg	PP/PCtube
NO.5 	Fixed Angle Rotor	6×85ml	15000r/min	25700xg	PP/PCtube
NO.6 	Fixed Angle Rotor	4×250ml	14000r/min	30200xg	PP/PCtube
NO.7 	Fixed Angle Rotor	6×250ml	12000r/min	22500xg	PP/PCtube
	Adapter	6×50ml			
NO.8 	Fixed Angle Rotor	8×100ml	14000r/min	26952xg	PP/PCtube
NO.9 	Fixed Angle Rotor	6×500ml	10000r/min	17800xg	PP/PCtube
NO.10 	Fixed Angle Rotor	4×1000ml	8000r/min	12000xg	PP/PCtube

Floor-Standing | High Speed | Refrigerated
| Centrifuge

DS-10C



Product Overview

- irectly driven by high power AC frequency conversion motor, small vibration, low noise, long service life.
- Adopting imported high-efficiency environmentally friendly refrigeration system, cooling and heating dual-channel control, no environmental pollution, high precision temperature control.
- The use of advanced CPU control system, with 35 operating procedures can be programmed, can be stored, can be taken; the user can set 30 procedures for daily operation.
- Dual screen design parameter display intuitive, at the same time display running speed, centrifugal force, door cover switch, lift speed gear and other parameters, with Chinese and English operating software conversion.
- Equipped with safety designs such as door cover protection, overspeed, overcurrent and advanced electronic uneven quartet detection system, which can monitor the centrifuge process in real time to ensure the safe operation of the instrument.
- The rotor is made of super-hard aluminium alloy by special technology, with good sealing performance and unlimited high temperature and high pressure disinfection resistance.



MODEL NO	DS-10C
Max. Speed	10000rpm
Speed accuracy	±10rpm
Max.Capacity	6x1000ml
Max. RCF	18590xg
Daily use program	30
Temp.range(at RT 25°C)	-20°C~40°C
Noise	< 60dB(A)
Net weight	270kg
Power supply	AC220v 50Hz 30A,6500w
Motor	AC frequency conversion motor, direct drive
Screen	Touch LCD color+digital screen
Control	advanced CPU control system
Timer range	1-99h59min
Temp accuracy	±1°C
Acceleration/DecelerationRate	10
Refrigerant	R404A
Dimension	860×730×1200mm(L×W×H)

No.	Rotor	Capacity	Max.speed	Max. RCF	Note
NO.1	Fixed Angle Rotor	6x500ml	10000r/min	18590xg	PP/PCtube
NO.2	Fixed Angle Rotor	6x1000ml	8000r/min	14472xg	PP/PCtube

Floor-Standing|High Speed |Refrigerated |Centrifuge

DSK-21R



Product Features

High power AC frequency conversion motor direct drive, high precision, low noise, long service life.

Adopt high-efficiency environmental protection refrigeration system, no environmental pollution, high precision temperature control.

Microcomputer control, colour screen display, programmable and storable, rotational speed, centrifugal force, time can be displayed at the same time.

Vertical high-speed freezing centrifuge, a multi-function machine; both high-speed centrifugation (20000rpm), but also low-speed large-capacity 4x750ml separation.

Six levels of damping shock absorption, centrifugal effect to achieve the best, 10 kinds of speed curve, 30 kinds of free procedures can be programmed and stored to meet different experimental requirements

Door cover, body configuration double silicone sealing ring, sealing performance is particularly good, long-term use does not aging, not deformation

"Mute" patented technology, the highest speed operation is less than 58 dB.

According to different experiments can be prepared 0.5-500ml adapter.

Multi-level protection functions such as overspeed, over-temperature, unbalance, electronic safety door lock, etc. ensure the safety of human and machine.



MODEL NO	DSK-21R
Speed range(rpm)	0-20000rpm adjustable
Max Capacity(ml)	4*750ml
RCF range (xg)	0-28620xg adjustable
Temperature control range	-20℃～+40℃
Noise(dBA)	≤58dB(A)
Refrigerant	R404A
Power supply	AC220V,50HZ,16A, 2150W
Time range	1-99minutes 59s adjustable
Speed accuracy	±10r/min
ACC/DEC	1-10 rates
Temperature control accuracy	±1℃
Net weight(without rotor)	190KGS
Dimension(mm)	700x600x820mm(LxWxH)



No.	Rotor	Max. capacity	Max.speed	Max.RCF	Note
NO.1	Angle rotor	12×5ml	20000r/min	28620xg	PP/PC tube
	Adapter	12×1.5ml			
NO.2	Angle rotor	24x1.5/2.2ml	16000r/min	24041xg	PP/PC tube
	Adapter	24×0.5ml			
		24×0.2ml			
NO.3	Angle rotor	12×10ml	15000r/min	21130xg	PP/PC tube
	Adapter	12×5ml			
		12×1.5ml			
NO.4	Angle rotor	10×15ml	15000r/min	26161xg	PP/PC tube
	Adapter	10×5ml			
		10×1.5ml			
NO.5	Angle rotor	6×50ml	14000r/min	21255xg	PP/PC tube
	Adapter	6×15ml			
		6×10ml			
	Adapter	6×1.5ml			PP/PC tube



<div>NO.6</div> <div></div>	Angle rotor	8×50ml	12000r/m in	17226xg	PP/PC tube
	Adapter <div></div>	8×15ml			
		8×10ml			
	Adapter <div></div>	8×1.5ml			
<div>NO.7</div> <div></div>	Angle rotor	6×100ml	13000r/m in	20406xg	PP/PC tube
	Adapter <div></div>	6×50ml			
		6×15ml			
		6×10ml			
		6×5ml			
		6×1.5ml			
<div>NO.8</div> <div></div>	Angle rotor	4×250ml	10000r/min	14758xg	PP/PC tube
	Adapter <div></div>	4×100ml			
		4×50ml			
		4×5×15ml			
		4×5×10ml			
		4×10×1.5ml			
<div>NO.9</div> <div></div>	Swing rotor	4×750ml	4000r/min	3443xg	Round cup
	Adapter <div></div>	4×26×5/2ml			PP/PC tube
		4×13×15/10ml			
		4×5×50ml			
		4×3×100ml			
		4×250ml			
		4×500ml			
<div>NO.10</div> <div></div>	Microplate rotor	4×2×96 well	4000r/min	2978xg	4*2*96 deep well plate 4*4*96 shallow well plate
	Adapter	4×32×1.5ml			PP/PC tube