



High Speed Refrigerated Centrifuge Benchtop



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High Speed Refrigerated Centrifuge Benchtop



DS-220R

Product Features

The high-speed refrigerated centrifuge DS-220R finds its primary application in scientific research and medical laboratories, where it excels at separating substances with varying densities within a sample. Its key feature is the built-in refrigeration system, enabling precise temperature control during the separation process. This capability is crucial for preserving the integrity of specific samples, ensuring accurate and reliable results in various scientific and medical experiments.

Durable Construction: The external case is made of alloy, featuring a robust 304 stainless steel bowl and centrifuge chamber, both autoclavable and resistant to detergents and disinfectants.

User-Friendly Interface: The machine offers a user-friendly interface, showcased in the attached detailed operation panel image.

Efficient Cooling System: Utilizing a CFC-free refrigeration system, it incorporates a pre-cooling feature and can maintain precise temperatures down to -20°C , ensuring optimal sample preservation.

Programmable Convenience: This centrifuge allows programming and storage of up to 30 different protocols. Stored parameters, including combinations, are retained even after the centrifuge is powered off.

Customizable Settings: With 10 acceleration rates and 10 braking ramps, this centrifuge minimizes secondary sedimentation, delivering superior results.

Quiet Operation: Utilizing patented "Mute" technology, this centrifuge operates quietly, generating noise levels lower than 58 decibels even at maximum rotational speed.



MODEL	DS-220R
Max. Speed	21000rpm adjustable
Max. RCF	0-31061xg adjustable
Max. Capacity	4x100ml Fixed Angle Rotor
Temperature Control Range	$-20 +40$
Temperature control accuracy	± 1
Display	Touch Screen
Noise(dBA)	$\leq 58\text{dB(A)}$
Time range	1-99minutes adjustable
Speed accuracy	$\pm 10\text{r/min}$
ACC/DEC	1-10 rates
Net weight(without rotor)	42KGS
Dimension(mm)	560x340x330mm(LxWxH)
Power supply	AC220V,50HZ,10A, 650W

No.	Item	Max capacity	Max speed	Max RCF	Note
	Angle rotor	12x1.5/2.2ml	21000r/min	31061xg	PP/PC tube
	Adapter	12x0.5ml			
	Adapter	12x0.2ml			
	Angle rotor	12x5ml	16500r/min	19480xg	PP/PC tube
	Adapter	12x1.5ml			
	Angle rotor	24x1.5/2.2ml	15000r/min	21130xg	PP/PC tube
	Adapter	24x0.5ml			
	Adapter	24x0.2ml			
	Angle rotor	12x8x0.2ml	12000r/min	16985xg	PCR8 joint pipe
	Angle rotor	12x10ml	15000r/min	21130xg	PP/PC tube
	Adapter	12x5ml			
	Adapter	12x1.5ml			
	Angle rotor	6x50ml	12000r/min	15616xg	PP/PC tube
	Adapter	6x15ml			
	Adapter	12x10ml			
	Adapter	6x10ml			
	Angle rotor	8x15ml	11000r/min	12851xg	PP/PC tube
	Adapter	8x5ml			
	Adapter	8x1.5ml			
	Angle rotor	4x10/100ml	11000r/min	13284xg	PP/PC tube
	Adapter	4x50ml			
	Adapter	4x15ml			
	Adapter	4x10ml			
	Adapter	4x5ml			
	Adapter	4x1.5ml			