



BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE DS-200R



SPECIFICATION

THE UNIVERSAL LAB GENIUS CENTRIFUGE

- Intelligent microprocessor control.
- Set and actual values shown together.
- Frequency conversion A.C. motor.
- Maintenance-free drive system.
- 304# stainless steel chamber.
- Metal housing and lid.
- Scratch-resistant coating.
- Impact-resistant finish.
- Aluminium fixed angle rotor.
- Stainless steel swing out rotor.
- Rotors are autoclavable.
- Buckets are corrosion-free.
- Durable steel chassis.
- Steel armored chamber.
- Steel layered lid.
- Smooth tube loading.
- Easy tube removal.
- User-friendly operation.
- Optional LCD/TFT display/USB
- Clear visible screen.
- CFC-free refrigerant.
- Lid drop protection.
- Controlled lid opening.
- Emergency door release.
- RTC function.
- PID temperature control.
- Temperature range -20°C to 40°C. 1°C adjustment steps.
- Parameters adjustable during run.
- 50 program memory.
- Quick program recall.
- Last setting recall.
- Ideal for repeated testing.
- 10 acceleration ramps.
- 10 deceleration ramps.
- Automatic lid locking.
- Secure during operation.
- Viewing port in lid.
- For speed calibration.
- For noise measurement.
- RFID rotor identification.
- Over-speed protection.
- Active imbalance detection.
- Automatic shutdown.
- Safety lid interlock.
- Prevents opening while running.
- Works during power failure.

TECHNICALS

TECHNICALS			
Speed range(rpm)	0-20000rpm adjustable	Time range	1-99minutes 59s adjustable
Max Capacity(ml)	4*750ml	Speed accuracy	±10r/min
RCF range (xg)	0-28174xg adjustable	ACC/DEC	1-10 rates
Temperature control range	-20°C? +40°C	Temperature control accuracy	±1°C
Noise(dBA)	=58dB(A)	Net weight(without rotor)	110KGS
Refrigerant	R404A	Power supply	AC220V,50HZ,10A,1300W
Dimension(mm)	680x580x420mm(LxWxH)		

ROTOR

No.	Item	Max. capacity	Max.speed	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	48x1.5/2.2ml	15000r/min	23394xg	PP/PC tube
	Adapter 	48x0.5ml			
		48x0.2ml			
NO.6 	Angle rotor	12x10ml	15000r/min	21130xg	PP/PC tube
	Adapter 	12x5ml			
		12x1.5ml			
NO.7 	Angle rotor	6x50ml	14000r/min	21255xg	PP/PC tube
	Adapter 	6x15ml			
		6x10ml			
NO.8 	Adapter 	6x1.5ml	11000r/min	14610xg	PP/PC tube

ROTOR

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	4×17x5/2ml			PP/PC tube
		4×8x15/10ml			
		4×3x50ml			
		4×100ml			
NO.13 	Swing bucket	4×600ml	4000r/min	3354xg	Square cup
	Adapter	4×25x5/2ml			PP/PC tube
		4×12x15/10ml			
		4×5x50ml			
		4×4x100ml			
NO.14 	Swing bucket	4×750ml	4000r/min	3443xg	Round cup
	Adapter	4×26x5/2ml			PP/PC tube
		4×13x15/10ml			
		4×5x50ml			
		4×3x100ml			
NO.15 	Microplate rotor	2×2×96hole	4200r/min	2860xg	Square cup
	Adapter	2×32×1.5ml			PP/PC tube