



BENCHTOP HIGH SPEED CENTRIFUGE



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BENCHTOP HIGH SPEED CENTRIFUGE

DSG-20



Product Overview

DSG-20 high speed benchtop centrifuge spins sample volumes up to 6 x 100 ml, 48x1.5/2.2ml tubes or 8 x 50 ml conical tubes with a intelligent LCD touch screen. For 24x1.5/2.2 mL tubes, aerosol-tight rotor is optional.

USER-FRIENDLY FUNCTIONS

- >up to 1000 user-defined programs
- >up to 1000 run histories,can be exported via USB
- >up to 40 rates acceleration and deceleration
- >up to 5 stages multi-stage centrifugation mode available
- >up to 99h59m59s timer range, 1s increment

LCD TOUCH SCREEN

- >Simple and clear to show all parameters
- >Touch screen,easy to set parameters
- >RCF can be set directly
- >RPM and RCF covert automatically
- >User can set parameters even with gloves
- >User can reset parameters when rotor is spinning

ENSURE SAFETY

- >Automatic rotor recognition to prevent overspeed
- >Imbalance detection by three axis gyroscope
- >Motorized electronic door lock
- >Door cannot be opened when rotor is spinning
- >Gas hinge to prevent door falling
- >Port in the door for calibration and operation checking
- >Emergency door lock release
- >Password to lock the device

GOOD COMPONENTS

- >Motor: Variable frequency motor.
stable running,maintenance free,long life
- >Housing: Thick and strong steel
- >Chamber: 304 stainless steel with teflon coating.
anticorrosion and easy to clean
- >Rotor: Aluminum alloy fixed angle rotor;
Steel swing out rotor.
- >Rotors are autoclavable

Model	DSG-20
Max speed	20000rpm
Max RCF	27994xg
Max capacity	6x100ml
Timer range	1s to 99h59m59s
Speed accuracy	±10rpm
Noise	≤60dB(A)
Power consumption	500w
Dimension	440x360x315mm
Net weight	29kg



AVAILABLE ROTORS FOR DSG-20

	Rotor: Fixed angle rotor Capacity: 12x1.5/2.2ml Max speed: 20000rpm Max RCF: 27994xg Tube size: Φ11x42mm		Rotor: Fixed angle rotor Capacity: 12x5ml Max speed: 15000rpm Max RCF: 18287xg Tube size: Φ14x54mm		Rotor: Fixed angle rotor Capacity: 24x1.5/2.2ml Max speed: 16000rpm Max RCF: 24814xg Tube size: Φ11x42mm
	Rotor: Fixed angle rotor (aerosol tight) Capacity: 24x1.5/2.2ml Max speed: 16000rpm Max RCF: 24814xg Tube size: Φ11x42mm		Rotor: Fixed angle rotor Capacity: 12x10ml Max speed: 13000rpm Max RCF: 15625xg Tube size: Φ16x86mm		Rotor: Fixed angle rotor Capacity: 36x1.5/2.2ml Max speed: 13000rpm Max RCF: 15625xg Tube size: Φ11x42mm
	Rotor: Fixed angle rotor Capacity: 6x50ml conical bottom Max speed: 12000rpm Max RCF: 15712xg Tube size: Φ29x116mm		Rotor: Fixed angle rotor Capacity: 6x50ml round bottom Max speed: 12000rpm Max RCF: 15712xg Tube size: Φ29x111mm		Rotor: Fixed angle rotor Capacity: 48x1.5/2.2ml Max speed: 12000rpm Max RCF: 15712xg Tube size: Φ11x42mm
	Rotor: Fixed angle rotor Capacity: 4x100ml Max speed: 10000rpm Max RCF: 11045xg Tube size: Φ38x123mm		Rotor: Fixed angle rotor Capacity: 8x50ml conical bottom Max speed: 10000rpm Max RCF: 11045xg Tube size: Φ29x116mm		Rotor: Fixed angle rotor Capacity: 8x50ml round bottom Max speed: 10000rpm Max RCF: 11045xg Tube size: Φ29x111mm
	Rotor: Fixed angle rotor Capacity: 12x15ml Max speed: 10000rpm Max RCF: 11045xg Tube size: Φ17x121mm		Rotor: Fixed angle rotor Capacity: 24x10ml Max speed: 10000rpm Max RCF: 11045xg Tube size: Φ16x86mm		Rotor: Fixed angle rotor Capacity: 6x10ml Max speed: 16000rpm Max RCF: 19004xg Tube size: Φ16x86mm
	Rotor: Fixed angle rotor Capacity: 8x15ml Max speed: 13000rpm Max RCF: 14945xg Tube size: Φ17x121mm		Rotor: Fixed angle rotor Capacity: 6x30ml Max speed: 13000rpm Max RCF: 14945xg Tube size: Φ25.5x100mm		Rotor: Fixed angle rotor Capacity: 8x0.2ml PCR strip Max speed: 13000rpm Max RCF: 14643xg
	Rotor: Fixed angle rotor Capacity: 6x100ml Max speed: 8000rpm Max RCF: 7720xg Tube size: Φ38x123mm		Rotor: Microplate rotor Capacity: 2x2x48 well plate Max speed: 4000rpm Max RCF: 1538xg max: 128x48x60mm		