JIDI-5B DESK HIGH-CAPACITY LOW-SPEED CENTRIFUGES

SPECIFICATION:

Model No.	JIDI-5B desk high-capacity low-speed centrifuges
Max Speed	5600r/min
Max RCF	5488×g
Timer	0 ~ 99min59s 0-99h59min (switchable)
Speed Accuracy	±10r/min
Acceleration/deceleration mode	0~9mode
Power supply	AC 220V 50Hz 10A
Motor	Variable frequency brushless motor
Noise level	≤58dB
Power consumption	550w
Product weight	46kg
Dimensions(L×W×H)	610×440×340mm(L×W×H)

PRODUCT INFORMATION

The JIDI-5B desk high-capacity low-speed centrifuge features stable speed, large loading capacity, and low noise, making it widely applicable in fields such as clinical medicine, biochemical immunology, etc. It is a conventional instrument used for centrifugal precipitation in laboratories.

FEATURES:

- Optional precision machined alloy horizontal rotor head with high machining precision, strength, and long service life, resistant to acid and alkali, running without resonance throughout, ensuring optimal centrifugal effects. One rotor head can accommodate multiple adapters, making it simple, practical, and efficient.
- Equipped with a 7-inch high-definition touchscreen "intelligent system", the display interface simultaneously shows speed, operating time, temperature, lifting and lowering speed levels, as well as the current selected rotor specifications, maximum speed, maximum centrifugal force, door status, real-time date, and time.
- Centrifugation can be preset according to user requirements for centrifugal force or speed, meeting various centrifugation needs.
- Real-time detection of centrifuge rotor speed; when the motor operates abnormally, a suspended window displays the speed, blocking all buttons to prevent user-operated errors from causing safety hazards.
- Records data of each centrifuge operation in the background, which users can view in real-time.
- During operation, speed, centrifugal force, and temperature change curves are displayed simultaneously on the screen, making the relationship between changes clear and intuitive, facilitating centrifugation data recording for users.
- User-friendly design allows users to adjust screen brightness, button sound, language selection (Chinese/English), timing mode, and automatic lid opening.
- Utilizes a unique octagonal chamber connection, with a solid and reliable overall structure, an automatic ventilation circulation system designed on the exterior of the chamber, all circuit boards suspended, providing excellent moisture-proof effects.
- Centrifuge-specific observation tube: designed with upper and lower convex-concave threaded mouths, solving the quality problems of traditional centrifuges such as easy detachment and poor sealing of the observation holes, which can lead to safety hazards.
- The centrifugal chamber and the lid feature a circulation air duct system, ensuring excellent heat dissipation for the entire chamber, motor, and other components, enhancing overall stability and high reliability.
- The centrifugal chamber is made of high-quality stainless steel material and coated with a special corrosion-resistant coating, providing excellent corrosion resistance and durability.
- Customized three-stage buffered centrifuge door hydraulic rods, with dust covers at the top, ensure smooth and durable opening of the centrifuge, lasting a long time.
- Patented triangular connecting rod motor fixation and three-stage shock absorption system structure securely fasten the motor at the bottom, enabling the motor to operate smoothly at high speed; unique front opening technology makes machine maintenance convenient.
- The entire machine adopts ergonomic design, featuring a stylish and aesthetic appearance, easy operation, equipped with various protection functions including door cover protection, overspeed, overtemperature, imbalance, etc., automatic fault alarm function, ensuring stable and reliable usage.

ROTOR ACCESSORIES(PS: MORE ROTOR SIZE ARE BE ABLE TO CUSTOMIZED)

The serial number	Type	Rotor adapter	Max.Speed	Max.RCF	Note
NO.1	swing-out rotor	4x50ml	4000	3040	
		4x100ml	4000	3040	
		8x50ml	4000	3040	
		8x100ml	4000	3040	
		16x10ml/15ml/5ml	4000	3040	Blood collection tube
		32x10ml/15ml/5ml	4000	3040	Blood collection tube
NO.2	Alloy swing-out rotor	60x1.5ml/2ml	4000	3080	
		12x50ml	4000	3080	
		28x10ml/15ml	4000	3080	
		4x100ml	4000	3080	
		56x2ml/5ml	4000	3080	Universal blood collection tube
		4x250ml	4000	3080	
NO.3	Horizontal microplate rotor	2x2x96well	4000	2300	
NO.4	Swing-out rotor	48x2ml/5ml	4000	2800	Blood collection tube
NO.5	Swing-out rotor	4X50ml	5600	5488	Customized

NO.1 SWING-OUT ROTOR DETAIL

NO.1 Swing-out rotor detail

10ml adapter

15ml adapter

50ml adapter

100ml adapter

NO.2 ALLOY SWING-OUT ROTOR

NO.2 Alloy swing-out rotor

4X250ml adapter

5ml adapter