



Tabletop High Speed Centrifuge



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DS 3016N



Product Introduction

- DS 3016N is widely used in molecular biology, molecular chemistry and PCR laboratories, etc., it is a good helper for bacteria isolation, and can be equipped with a variety of capacity rotors, which is super cost-effective.
- The new composite material (NCP) rotor with unique patented technology is ultra-light, high-strength,
- slow heat conduction, strong corrosion resistance, and fast lift in g speed. The surface of the machine adopts fine sand spraying process, and the implementation standard.

Function Introduction

- Safety: The whole machine is made of high strength steel for one-time stamping and forming, and the rotor is corrosion-resistant to eliminate the risk of explosion.
- It has the function of automatic rotor recognition to prevent the potential safety hazards caused by the user's wrong rotor selection.
- The compact body saves a lot of desktop space for users.
- Fixed-angle rotor opening method: 1 rotation is sufficient.
- 99 sets of custom programs are stored, which is simple and convenient to call.
- The accidental power-off door opening device is not only convenient for opening the cover in case of emergency, but also eliminates the potential safety hazards caused by misoperation.
- Level 3 rubber shock absorption, with good automatic balance function and unbalanced automatic shutdown function, to protect personal safety.
- 10-speed acceleration and deceleration rate control, using soft start / stop technology, to avoid secondary mixing of speed reduction.
- A variety of centrifugal functions: with differential centrifugation, gradient centrifugation, jog centrifugation, timing centrifugation functions.
- 5-inch touch screen operation, centrifugal force can be set to an accuracy of 1xg, speed accuracy of 1rpm, time can be accurate to 1s, speed, centrifugal force, time, temperature, and addition and subtraction and other parameters, parameters can be changed during operation, no need to stop.
- The intelligent temperature control system can adjust the refrigeration running time of the equipment when the door cover is opened /closed.

Technical parameters

Model	DS-3016N
Maximum Speed	16500 rpm
Maximum Relative Centrifugal Force	21890xg
Maximum Capacity	6x50ml
Temperature Setting Range	/
Temperature Accuracy	/
Noise Level	≤65dB(A)
Dimensions (L\W\H)	460x400x270mm
Power Supply	AC 220±22V, 50Hz 16 A
Total Power	550 W
Timing Range	1s - 99min 59s / 1min - 99h 59min
Control Interface	Touch panel
Rotational Speed Accuracy	±10 rpm/min
Net Weight	25 kg

No	Rotor	Capacity	Max.Speed	Max.RCF
	Fixed Angle Rotor	12×15/2ml	16500rpm	21610xg
	Fixed Angle Rotor	24×15/2ml	15000rpm	21890 xg
	Fixed Angle Rotor angle ≥ 45°	12×10ml	13000rpm	19690x g
	Fixed Angle Rotor Angle ≥ 30°	6×50ml	10000rpm	11800 x g