



## Tabletop High Speed Centrifuge

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### India Office

16 S/F B/S, T-Block Extn.  
Jain Colony Part-2 Uttam Nagar,  
New Delhi-110059  
[info@darsunscientific.in](mailto:info@darsunscientific.in)  
(+91) 9999136670, 7835864003

### USA Headquarters

30 N Gould St, Ste R  
Sheridan, Wyoming 82801  
United States

**Darsun**Scientific

# Darsun Scientific

## Desktop high speed refrigerated centrifuge

### DS 3016R



#### Product Introduction

- DS 3016R is widely used in molecular biology, molecular chemistry and PCR laboratories, etc, it is a good helper for bacterial isolation, and can be with a variety of capacity rotor 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 lifting and speed.
- The Surface of the machine adopts fine sand spraying coating process.

#### Product Function

- Security: The whole machine is made of high-strength steel by one-time molding technology and the rotor is corrosion resistant to avoid the risk of explosion.
- It has the function of automatic rotor identification to prevent the potential safety hazard caused by the user selecting the wrong rotor.
- The compact body saves a lot of desktop space for users.
- Cover opening mode of fixed angle rotor: just rotate 1 turn
- 99 groups of user-defined programs can be stored according to the need of users, which is simple and easy to call.
- The lid can open urgently when unexpected power failure happens. It is convenient to open the lid in case of emergency and prevent safety risks caused by wrong operation.
- Refrigeration function: Environmentally friendly refrigerant 134 A is used and the temperature in the stainless steel bowl can still be stabilized at 4 °C at the highest speed. The rapid pre-cooling function decreases from 25 °C to 4 °C within 6 minutes.
- 3 level rubber damping has good automatic balance function and imbalance switch function to protect personal safety.
- The 10 gear acceleration and deceleration respectively control the braking time. Use soft start/stop technology to avoid secondary mixing when reduction.
- Multiple centrifugal function: Set the speed up and down time freely, Set the centrifuge procedure in 10 stages, set the Instant centrifugation, Set the timed startup function
- 5-inch touch screen for easy operation. Parameter setting: centrifugal force can be accurate to 1xg, The speed can be accurate to 1rpm, The time can be accurate to one second. The large screen can simultaneously display speed, centrifugal force, time, temperature, acceleration and deceleration and other parameters. Parameters can be changed during operation without stopping;
- Intelligent temperature control system can adjust the cooling operation time of equipment when the lid is open/closed.

Model	DS 3016R
Max. Speed	16500rpm
Max. RCF	22380 Xg
Max. Capacity	6×50 ml
Temperature Setting Range	-20°C – 40°C
Temperature Accuracy	±1.0°C
Noise Level	≤65 dB (A)
Dimensions (D×W×H)	620×327×270 mm
Power Range	AC 220±22V 50Hz 16A
Power Consumption	1200 W
Timer	1s–99min59s / 1min–99h59min
Operation Mode	Touch Panel
Speed Accuracy	±10 rpm/min
Diameter of Steel Bowl	240 mm
Net Weight	40kg

No	Rotor	Capacity	Max.Speed	Max.RCF
	Fixed Angle Rotor	12×1.5/2ml	16500rpm	21610xg
	Fixed angle rotor	24×1.5/2ml	15000rpm	21890xg
	Fixed angle rotor	36×1.5/2ml	15000rpm	22380xg
	Fixed angle rotor	18×5ml	15000rpm	21630xg
	Fixed angle rotor Angle ≥45°	12×10ml	13000rpm	19690xg
	Fixed angle rotor Angle ≥30°	12×15ml	12000rpm	15450xg
	Fixed angle rotor angle≥30°	6×50ml	12000rpm	16980xg