

Ventilated | Low speed | Floorstanding

# DD-4000



Order No.:011000400

The DD-4000 is a non-refrigerated large capacity floor standing centrifuge with LCD and LED dual display. It has large capacity rotor up to 4x1000ml. Widely used in biological laboratories, clinical medicine, pharmaceutical factories and other fields, used for large-scale cell separation, blood separation and other work.

## FEATURES

### User-friendly functions

- >12 user-defined programs
- >40 rates acceleration and deceleration
- >1min to 99h59m timer range
- >LCD&LED screen show parameters simply and clearly
- >Water-proof touch key pad,each parameter has corresponding button to set
- >RCF can be set directly.RPM/RCF convert automatically
- >User can reset parameters when rotor is spinning

### Ensure safety

- >Imbalance detection by three axis gyroscope
- >Microprocessor control
- >Motorized electronic door lock
- >Door cannot be opened when rotor is spinning
- >Gas hinges to prevent door falling
- >Port in the door for calibration and operation checking
- >Emergency door lock release
- >Various protections to ensure safe centrifugation

### Good components

- >Motor: Variable frequency motor.  
stable running,maintenance free,long life
- >Housing: Thick and strong steel
- >Chamber: Food grade 304 stainless steel.  
anticorrosion and easy to clean
- >Rotor: Steel/Stainless steel swing out rotor.
- >Rotors are autoclavable



## TECHNICAL DATA

Model	DD-4000	Time Setting	1m-99h59m/Pulse
Max Speed	4000rpm	Noise	≤60dB(A)
Max RCF	3580xg	Power Consumption	1100w
Max Capacity	4x1000ml	Dimension	700x600x880mm
Speed Accuracy	±10rpm	Weight	128kg

## AVAILABLE ROTORS

No.1



Order No.:10000410000  
Rotor:Swing out rotor  
Capacity:4×1000ml  
Max speed:3600rpm  
Max RCF:3280×g  
Tube size:Φ100×175mm

No.2



Order No.:10000605000  
Rotor:Swing out rotor  
Capacity:6×500ml  
Max speed:3600rpm  
Max RCF:3031×g  
Tube size:Φ80×137mm

No.3



Order No.:10000405000  
Rotor:Swing out rotor  
Capacity:4×500ml  
Max speed:4000rpm  
Max RCF:3221×g  
Tube size:Φ80×137mm

Same adapters to DD-6000

No.4



Order No.:10000602500  
Rotor:Swing out rotor  
Capacity:6×250ml  
Max speed:4000rpm  
Max RCF:3581×g  
Tube size:Φ63×111mm

Same adapters to DD-6000