

D1524

High-speed Micro Centrifuge

D1524C

Hematocrit Centrifuge

NEW



Features

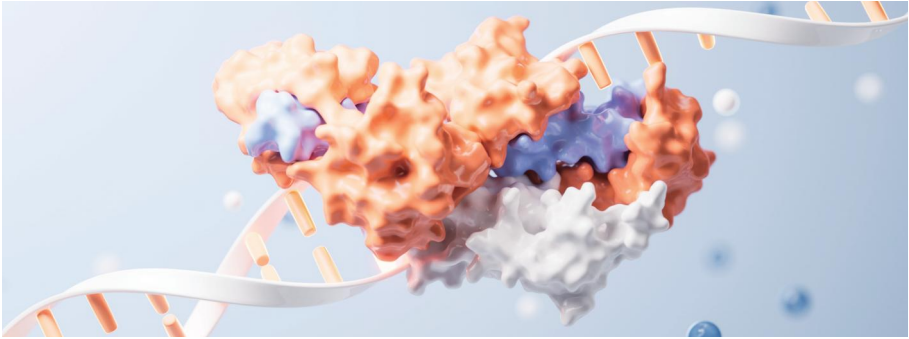
- Speed range of 200–15000 rpm to meet various experimental needs.
- Motor lock adsorption design allows one-handed lid closure.
- Intuitive menu and LCD display for easy and clear operation.
- Maintenance-free brushless DC motor ensures stable and reliable performance.
- Stores up to 9 frequently used programs for quick recall.
- Nine acceleration/deceleration rates with soft braking for smoother separation.
- Supports speed/RCF conversion, short spin, and audible alarm functions.
- Dual-lock lid, overspeed, over-temperature, and diagnostic systems for enhanced safety.



Applications

The high-speed centrifuge is widely used in molecular biology, clinical chemistry, microbiology, as well as clinical diagnostics and scientific research fields.

The hematocrit centrifuge measures red blood cell volume and separates micro samples. It supports biochemical, immunological, genetic, and clinical tests, bilirubin measurement in neonatal samples, and DNA/RNA extraction. Widely used in clinical and veterinary applications.



Specifications	D1524	D1524C
Max. Speed	15,000rpm (200-15,000rpm) in 100rpm increments.	12,000rpm (200-12,000rpm) in 100rpm increments.
Max. RCF	21,380×g, step: 10×g	13,680×g, step: 10×g
Capacity	24×1.5/2mL, 36×0.5mL, 4×PCR-8 strips, 12×5mL, 18×5mL	AC24P(Capillary tubes×24)
Run Time	30s-99 min; HOLD (continuous running)	30s-99min; HOLD(continuous running)
Acceleration and deceleration time	25s ↑ 25s ↓	25s ↑ 25s ↓
Motor Type	Brushless DC motor	Brushless DC motor
Safety Performance	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.
Power Requirements	Single-phase, 200-240V, 50/60Hz, 210W 100-120V, 50/60Hz, 200W	Single-phase, 200-240V, 50Hz/60Hz, 210W 100-120V, 50Hz/60Hz, 200W
Noise Level	≤64dB	≤65dB
Dimensions[WxDxH]	280 × 400 × 240mm	280×400×240mm
Weight	8.8kg	8.8kg
Other functions	Rotation speed/RCF switchover, inching operation, running processindicator, sound alert. Adjustable acceleration/deceleration at 9 levels program storage capacity.	Rotation speed/RCF switchover, inching operation, running processindicator, sound alert. Adjustable acceleration/deceleration at 9 levels program storage capacity.

Available rotors

AS24-2 Cat. No.19400069

for D3024&D1524&D1524R

Max. speed: 15000rpm
 Max. RCF: 21380×g
 Rotor capacity: 24×0.2/0.5/1.5/2mL
 Rotor material: Aluminum alloy
 Biosealing: Yes
 Available rotor adapters: A02P2,A05P2



AS18-5 (round bottom) Cat. No.19400073

for D3024&D1524&D1524R

Max. speed :15000rpm
 Max. RCF:21380×g
 Rotor capacity:
 18×5mL(round bottom)
 Rotor material:Aluminum alloy
 Biosealing:Yes



AS12-5V (cone bottom) Cat. No.19400070

for D3024&D1524&D1524R

Max. speed: 15000rpm
 Max. RCF: 21380×g
 Rotor capacity: 12×5mL(cone bottom)
 Rotor material: Aluminum alloy
 Biosealing: Yes



Available adapters

A02P2 Cat. No.19500001

0.2mL rotor adapter
 Used with A12-2, A12-2P, AS24-2 and
 A24-2P rotors 24pcs/pk



AS36-05 Cat. No.19400071

for D3024&D1524&D1524R

Max. speed: 15000rpm
 Max. RCF: 21380×g
 Rotor capacity: 36×0.2/0.5mL
 Rotor material: Aluminum alloy
 Biosealing: Yes
 Available rotor adapters: A02P05



A05P2 Cat. No.19500002

0.5mL rotor adapter
 Used with A12-2, A12-2P, AS24-2
 and A24-2P rotors
 24pcs/pk



AS4-PCR8 Cat. No.19400072

for D3024&D1524&D1524R

Max. speed: 15000rpm
 Max. RCF: 21380×g
 Rotor capacity:
 32×0.2mL or 4×0.2mL PCR 8-tube strip
 Rotor material: Aluminum alloy
 Biosealing: Yes



A02P05 Cat. No.19500003

0.2mL rotor adapter
 Used with AS36-05 rotor
 36pcs/pk

