



## HIGH SPEED REFRIGERATED MICRO CENTRIFUGE D3024R

### Powerful cooling system for precise temperature control

- Pre-cooling program ensures optimal protection of the sample before warming
- Guaranteed 4°C cooling within only 7 minutes of both chamber and samples even at maximum speed and capacity utilization
- Sound-alert allows your undivided attention on other tasks warming
- Lid lock facility allows for internal temperature maintenance even after centrifugation
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life rotor capacity
- Three-layer sealed rotor prevents accidental leakage during centrifugal process allowing risk-free microbial contamination
- High strength aluminum alloy rotor can be fully autoclaved for unlimited service life
- Four rotors are optional complete with 24 plaser 1.5/2.0ml tubes, bigger 5.0ml, smaller 0.2ml and 0.5mL tubes with the use of adapters
- Quiet running, noise level  $\leq 54$ dB



Brushless DC motor



Wide range of rotors

### SPECIFICATIONS

Max. Speed	15000rpm(200-15000rpm), increment:10rpm
Max. RCF	21380×g, increment: 10×g
Speed Accuracy	±20rpm
Temperature Range	-20°C-40°C
Rotor Capacity	5ml×18, 5ml culture tube x12 0.2ml/0.5ml/1.5ml/ 2ml×24, 0.5ml×36, PCR8×4
Run Time	30sec-99min/Continuous
Motor	Brushless DC Motor
Safety Devices	Dual door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC200V-240V, 50Hz/60Hz, 10A, AC100V-120V, 50Hz/60Hz, 10A, 400W
Acceleration / Braking time	25s↑/25s↓
Dimension [DxWxH]	338×580×324mm
Weight	30kg
Certification	CE cTUVus FCC MCA
Advanced Features	Speed/RCF switch; Short-time run function; sound-alert function
Noise	$\leq 54$ dB

### ROTORS:



#### AS24-2

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

### ADAPTORS:



#### A02P2

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

### OPTIONAL ROTORS:



#### AS12-V5

Max. Speed: 15000rpm  
Max. RCF: 21380×g  
Rotor Capacity: 5mL×12(Cone bottom)  
Rotor Material: Aluminum alloy  
Bio-safe(Bio sealing): Yes



#### AS36-05

Max. Speed: 15000rpm  
Max. RCF: 21380×g  
Rotor Capacity: 0.5mL×36, 0.2mL×36  
Rotor Material: Aluminum alloy  
Bio-safe(Bio sealing): Yes  
Available Rotor Adapters: A02P05



#### AS4-PCR8

Max. Speed: 15000rpm  
Max. RCF: 21380×g  
Rotor Capacity: 0.2mL/PCR8×4  
Rotor Material: Aluminum alloy  
Bio-safe(Bio sealing): Yes



#### AS18-5

Max. speed :15000rpm  
Max. RCF:21380×g  
Rotor capacity:5mL×18 ( Round bottom )  
Rotor material:Aluminum alloy  
Bio-safe(Bio sealing):Yes

### OPTIONAL ADAPTORS:



#### A05P2

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



#### A02P05

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