

Mini Centrifuges

미니 원심분리기

D1008 EZeeMini Centrifuges



▶ D1008



▶ D1008
Free of 2ml x 8 and PCR8 x 2 rotors

Features

- Four lid colors including green, blue, yellow and pink.
- Max. speed of 7000rpm
- Free of 2ml x 8 and PCR8 x 2 rotors
- Dual door interlock design, for safety
- Multi voltage operation with stable running and high accuracy of speed
- DC motor drive
- Quiet running, noise level ≤45 dB
- The rotor is seated on a tapered shaft which facilitates easy removal
- Ideal for quick spin downs and micro filtration
- Accelerates and brakes in seconds
- The centrifuge starts and stops by closing and opening lid or using the on/off switch
- Precise control of speed and run time with efficient separation

Specifications

| Model | D1008 |
|----------------------|---|
| Cat. No. | 910231410000 (Blue lid) 910241410000 (green lid) 910251410000 (pink lid) 910261410000 (yellow lid) |
| Max. Speed [rpm] | 7,000 |
| Max. RCF[xg] | 2,680 |
| Rotor Capacity | 8x0.2/0.5/1.5/2.0ml tube; 16x0.2ml PCR strips, 2x0.2ml PCR8 strips; Slide rotor |
| Run Time | Continuous operation |
| Driving Motor | DC motor |
| Power | AC100-240V/50Hz/60Hz |
| Noise level(dB) | ≤45 |
| Dimensions[WxDxH mm] | 150x150x117 |
| Weight[kg] | 0.5 |

Available rotors



| Model | A08-2 | A02-PCR8 |
|------------------------|-----------------------------------|--|
| Cat. No. | 19400015 | 19400017 |
| Max. Speed [rpm] | 7000 | 7000 |
| Max. RCF[xg] | 2680 | 2680 |
| Rotor Capacity | 2ml/1.5mlx8 0.2mlx8 0.5mlx8 | 16x0.2ml PCR tube 2x0.2ml PCR8 tube |
| Rotor material | High strength plastic | High strength plastic |
| Bio-safe (Bio sealing) | N/A | N/A |

High Speed Mini Centrifuges

미니 원심분리기

D2012 & D2012 plus High Speed Mini Centrifuges



▶ D2012



▶ D2012
With A12-2 aluminum alloy rotor kit

Features

- Quiet and stable operation for the lab
- High strength metal casing ensures security of centrifugal process
- Gentle braking at low speed with efficient separation
- Brushless DC motor accelerates quickly and effortlessly to the set speed
- High accuracy of speed in ± 20 rpm
- Operation can be timed from 30 seconds to 99 minutes or used in continuous mode
- Timer starts once the target speed reached, for accurate separation time
- Powerful centrifugal force 15100xg and Max speed 15000rpm, serves many applications
- The rotor is designed for 1.5/2.0ml tubes and smaller 0.2ml and 0.5ml tubes through use of adapters. PCR strips are optional.

Specifications

| Model | D2012 & D2012 plus |
|----------------------|--|
| Cat. No. | 911215110000 (D2012) 911215410000 (D2012 plus) |
| Max. Speed [rpm] | 500-15,000rpm, increment:100rpm |
| Max. RCF[xg] | 15,100xg, increment:100xg |
| Speed Accuracy [rpm] | ± 20 rpm |
| Temperature Range | N/A |
| Rotor Capacity | 0.2ml/0.5ml/1.5ml/ 2mlx12 |
| Run Time | 30sec-99min-HOLD (Continuous operation) |
| Driving Motor | Brushless DC motor |
| Safety Devices | Door interlock, Over-speed detection; Over-temperature detection; Automatic internal diagnosis |
| Power | 110V-240V, 50/60Hz, 3A |
| Noise level(dB) | ≤ 56 (D2012) ≤ 54 (D2012 plus) |
| Acceleration | 25s \uparrow 25s \downarrow (D2012) |
| /Braking time [Sec] | 11s \uparrow 9s \downarrow (D2012 plus) |
| Dimensions[WxDxH mm] | 255x245x140 |
| Weight[kg] | 6 |
| Additional Features | Speed/Acceleration switch; Short-time run function; sound-alert function |

Available rotors



| Model | A12-2 | A12-2P |
|------------------------|----------------|-----------------------|
| Cat. No. | 19400001 | 19400009 |
| Max. Speed [rpm] | 15000 | 15000 |
| Max. RCF[xg] | 15100 | 15100 |
| Rotor Capacity | 2ml/1.5mlx12 | 2ml/1.5mlx12 |
| | 0.2mlx12 | 0.2mlx12 |
| | 0.5mlx12 | 0.5mlx12 |
| Rotor material | Aluminum alloy | High strength plastic |
| Bio-safe (Bio sealing) | N/A | N/A |

High Speed Mini Centrifuges

미니 원심분리기

D3024 & D3024R High Speed Mini Centrifuges



▶ D3024



▶ D3024R

Features

- Quiet and stable operation for the lab
- High strength metal casing ensures security of centrifugal process
- Dual door interlock design for safety
- Gentle braking at low speed with efficient separation
- Brushless DC motor accelerates quickly and effortlessly to the set speed
- High accuracy of speed in ± 20 rpm
- Operation can be timed from 30 seconds to 99 minutes or used in continuous mode
- Timer starts once the target speed reached, for accurate separation time
- Ergonomic interface with dynamic icons, displays all processing parameters
- Pre-cooling system provides cool down prior to operation and keeps the chamber at the pre-set temperature (D3024R)

Specifications

| Model | D3024 | D3024R |
|----------------------|--|--|
| Cat. No. | 912215120000 | 922215120000 |
| Max. Speed [rpm] | 200-15,000rpm, increment:10rpm | 200-15,000rpm, increment:10rpm |
| Max. RCF[xg] | 21380xg, increment:10xg | 21380xg, increment:10xg |
| Speed Accuracy [rpm] | ± 20 rpm | ± 20 rpm |
| Temperature Range | N/A | -20°C~40°C |
| Rotor Capacity | | 5mlx18; 0.2ml/0.5ml/1.5ml/ 2mlx24; 0.5mlx36; PCR8x4 |
| Run Time | 30sec-99min-HOLD (Continuous operation) | |
| Driving Motor | Brushless DC motor | |
| Safety Devices | Dual door interlock, Over-speed detection; Over-temperature detection, Automatic internal diagnosis | |
| Power | AC220V-240V, 50/60Hz, 5A | AC220V-240V, 50/60Hz, 10A |
| Noise level(dB) | ≤ 58 | ≤ 56 |
| Acceleration | 25s \uparrow 25s \downarrow | 25s \uparrow 25s \downarrow |
| /Braking time [Sec] | | |
| Dimensions[WxDxH mm] | 280x364x266 | 338x580x324 |
| Weight[kg] | 12 | 30 |
| Additional Features | Speed/Acceleration switch; Short-time run function; sound-alert function | |

Available rotors



| Model | AS24-2 | AS18-5 |
|------------------------|--------------------------------------|----------------|
| Cat. No. | 19400002 | 19400011 |
| Max. Speed [rpm] | 15000 | 15000 |
| Max. RCF[xg] | 21380 | 21380 |
| Rotor Capacity | 2ml/1.5mlx24 0.2mlx24 0.5mlx24 | 5mlx18 |
| Rotor material | Aluminum alloy | Aluminum alloy |
| Bio-safe (Bio sealing) | 0 | 0 |



| Model | AS36-05 | AS4-PCR8 |
|------------------------|----------------------|----------------|
| Cat. No. | 19400003 | 19400004 |
| Max. Speed [rpm] | 15000 | 15000 |
| Max. RCF[xg] | 21380 | 21380 |
| Rotor Capacity | 0.5mlx36 0.2mlx36 | 0.2ml/PCR8x4 |
| Rotor material | Aluminum alloy | Aluminum alloy |
| Bio-safe (Bio sealing) | 0 | 0 |

Clinical Centrifuge

원심분리기

DM0412 Clinical Centrifuge



▶ DM0412



Features

Our clinical centrifuge is ideal for the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories.

- Speed range of 300–4500rpm
- Max rotor capability 15ml×8
- Precise control speed and time with efficient separation
- For 15ml cell culture tubes and full line of collection tubes, ideal for a clinical lab
- Quiet and stable operation with noise level ≤56

Specification

| Model | DM0412 |
|-------------------------------------|--|
| Cat. No. | 913223410000 |
| Max. Speed [rpm] | 300-4500, increment: 100 |
| Max. RCF[xg] | 2490xg, increment: 100xg |
| Speed Accuracy [rpm] | ±20 |
| Temperature Range | N/A |
| Rotor Capacity | 12×10ml/7ml/5ml/8×15ml |
| Run Time | 30sec-99min-HOLD (Continuous operation) |
| Driving Motor | Brushless DC motor |
| Safety Devices | Door interlock, Over-speed detection; Over-temperature detection; Automatic internal diagnosis |
| Power | 110V-240V, 50/60Hz, 3A |
| Noise level(dB) | ≤56 |
| Acceleration /Braking time [Sec] | 20s ↑ 20s ↓ |
| Dimensions[WxDxH mm] | 245×255×140 |
| Weight[kg] | 6 |
| Additional Features | Speed/Acceleration switch; Short-time run function; sound-alert function |

Available rotors



| Model | A12-10P |
|------------------|---------------------------|
| Cat. No. | 19200316 |
| Max. Speed [rpm] | 4500 |
| Max. RCF[xg] | 2490 |
| Rotor Capacity | 15ml×8 10ml/5ml/7ml×12 |
| Rotor material | High strength plastic |

Hematocrit Centrifuge

원심분리기

DM1424 Hematocrit Centrifuge



▶ DM1424



Features

Hematocrit centrifuge with AC24P rotor is used for determination of volume fractions of erythrocytes in blood and also for separation of micro blood and solution.

Hematocrit centrifuge with A24-2P rotor is used for extraction of DNA and RNA.

- Speed range of 200–14000 rpm, Max. RCF 18260×g
- Two rotors, hematocrit rotor with Max. capacity 24 capillary tubes and 2ml×24 rotor
- Precise control speed and time with efficient separation

Specification

| Model | DM1424 |
|----------------------|---|
| Cat. No. | 912225520000 |
| Max. Speed [rpm] | 200-14000, increment: 10 |
| Max. RCF[xg] | 18260xg, increment: 10xg |
| Speed Accuracy [rpm] | ±30 |
| Temperature Range | N/A |
| Rotor Capacity | 24×1.5/2ml (14000rpm); hematocrit rotor:24×capillary tubes (12000rpm) |
| Run Time | 30sec-99min-HOLD (Continuous operation) |
| Driving Motor | Brushless DC motor |
| Safety Devices | Door interlock, Over-speed detection; Over-temperature detection; Automatic internal diagnosis; Automatic rotor identification |
| Power | 220V-240V, 50/60Hz, 5A |
| Noise level(dB) | ≤ 60 |
| Acceleration | 20s ↑ 20s ↓ |
| /Braking time [Sec] | |
| Dimensions[WxDxH mm] | 364×280×266 |
| Weight[kg] | 10 |
| Additional Features | Speed/Acceleration switch; Short-time run function; sound-alert function |

Available rotors



| Model | A24-2P | AC24P |
|------------------|--------------------------------------|-----------------------|
| Cat. No. | 19400013 | 19400015 |
| Max. Speed [rpm] | 14000 | 12000 |
| Max. RCF[xg] | 18620 | 13680 |
| Rotor Capacity | 2ml/1.5ml×24 0.2ml×24 0.5ml×24 | 24 × capillary tubes |
| Rotor material | High strength plastic | High strength plastic |