

# Centrifuges



## High Speed Micro-Centrifuges

### High Speed Micro Centrifuge

High speed micro centrifuges are widely used in physical and chemical analysis, biochemistry, cellular and molecular biology, clinical Labs and blood donation centers, ideal for high-end research applications

- Sedimentation of cells and viruses
- Separation of sub-cellular organelles
- Isolation of macromolecules such as DNA, RNA, proteins or lipids

### Precise control

- Brushless DC motor accelerates quickly to the set speed
- High accuracy of speed in  $\pm 20$  rpm
- Digital timer adjustable from 30 sec. to 99 min or set for continuous run
- Timer starts when reach the target speed, to achieve the accuracy of separation time

### Conforms to international safety standards and regulations

- DLAB centrifuges gain and maintain CE, cTÜVus and FCC certificates provided by TÜVRheinland company(Germany). All DLAB test items are proven with the highest level of reliability and confidence according to IEC/EN 61010-1, and pass MCA test according to IEC/EN61010-2-20, including explosion-proof and bio-safe tests.
- Quiet operation, maximum reliability
- High strength metal casing ensures security of centrifugal process
- Dual door interlock design for safety(D3024 & D3024R)
- Gentle braking at low speed with efficient separation

### Ergonomic design

- User-friendly large LCD display shows real-time information
- Both RPM or G-force can be set and displayed
- The parameters can be modified after the set speed is reached.
- The short spin function is used for quick spins by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed
- Automatic lid-lock release prevents sample warming and allows easy access(excluding D3024R)
- Concise display and Sound-alert



DLAB D1536 series multi-purpose centrifuge is a universal one compatible with various of fixed angle rotors, swing bucket rotors and an extensive range of adapters for swing-out rotor, standard tubes up to100 mL, micro-plates, tubes with a screw cap, blood collection tubes or cytology accessories. With the fixed angle rotors, the max speed can reach 15000rpm, which is ideal for physical and chemistry analysis, biochemistry, cellular and molecular biology, clinical labs, blood donation, and high-end research applications.

D1536  
High Speed Multi-Purpose Centrifuge

D1536R  
High Speed Multi-Purpose Centrifuge Refrigerated

Features:

- Speed range from 300rpm to 15000rpm
- Maximum capacity of the centrifuge: 100mLx4
- Powerful cooling system for precise temperature control for both chamber and samples (1536R)
- 9 Acceleration/10 Brake speed settings to ensure optimal separation
- A wide range of accessories
- Automatic rotor identification
- Timers can be set up to 99min. for short run/continuous run
- Extremely quiet with low vibration levels during operation
- 9 procedures stored in memory makes the operation much simplified.



Brushless DC motor



Wide range of rotors













Specifications	D1536	D1536R
Speed range	300~15000rpm	300~15000rpm
Max. RCF	25150xg	25150xg
Speed accuracy	±20rpm	±20rpm
Temperature Range	-	-20~40°C
Rotor Capacity	9 types	9 types
Run Time	30sec~99mins/continue	30sec~99mins/continue
Motor	Brushless DC	Brushless DC
Display	LCD	LCD
Program Memory	9	9
Safety Devices	door,imb,motor over hot,speed over,chamber over temper	door,imb,motor over hot,speed over,chamber over temper
Acceleration/Braking time	9s ↑ /10s ↓	9s ↑ /10s ↓
Power	Single-phase AC220V~240V, 50Hz/60Hz, 6.3A; AC 110V~120V,50Hz/60Hz, 10A	Single-phase AC220V~240V, 50Hz/60Hz, 12.5A;AC110V~120V,50Hz/60Hz, 15A
Dimension[WxDxH]	445x579x269mm	630x579x269mm
Weight	36kg	50kg
Certification	CE cTUVus FCC MCA	CE cTUVus FCC MCA
Advanced Features	speed/rcf switch; rotor identification	speed/rcf switch; rotor identification



SE4-100  
for D1536 & D1536R

Cat. No. 19400041

Max. speed :4000rpm  
Max. RCF:2830xg  
Rotor material:stainless steel body and adaptor

						
	19400043	19400042				
bucket	x 4	x 4				
tube	x 8	x 4	x 4	x 8	x 8	x 20
Nominal volume	50mL	100mL	85mL	50mL	15mL	3~7mL
φ×L mm	34×100		38×104	34×100	17×120 13×100 13×75	13×100 13×75
tube						
adapter		 A100P80		 A100P50 A100P15	 A100P10	



Available rotors



**AS6-50V**  
for D1536 & D1536R

Cat. No. 19400038

Max. speed :12500rpm  
Max. RCF:18690×g  
Rotor capacity:50mL×6(culture tube)  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS12-PCR8**  
for D1536 & D1536R

Cat. No. 19400036

Max. speed :14000rpm  
Max. RCF:21910×g  
Rotor capacity:PCR 8 trips×12  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS30-2(Standard accessory)**  
for D1536 & D1536R

Cat. No. 19400034

Max. speed :15000rpm  
Max. RCF:25150×g  
Rotor capacity:2mL×30  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS60-2**  
for D1536 & D1536R

Cat. No. 19400037

Max. speed :14000rpm  
Max. RCF:21910×g  
Rotor capacity:2mL×60  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS18-5V**  
for D1536 & D1536R

Cat. No. 19400035

Max. speed : 15000rpm  
Max. RCF: 25150×g  
Rotor capacity: 5ml×18(culture tube)  
Rotor material:aluminum body



**A8-50**  
for D1536 & D1536R

Cat. No. 19400039

Max. speed : 5000rpm  
Max. RCF: 3460×g  
Rotor capacity: 50ml×8 or 15ml×16  
Rotor material:aluminum body and stainless steel adaptor



**S2-MP**  
for D1536 & D1536R

Cat. No. 19400062

Max. speed :4000rpm  
Max. RCF:2200×g  
Rotor capacity:Micro-plants 384-PCR; 96-PCR  
Rotor material:aluminum body and buckets



**A30-15**  
for D1536 & D1536R

Cat. No. 19400040

Max. speed :4500rpm  
Max. RCF:2110×g  
Rotor capacity:15mL×30  
Rotor material:aluminum body and stainless steel adaptor

Capacity	3-7mL Blood collection tube	10mL Blood collection tube	12mL urine tube	15mL
Φ×L mm	13×75	13×100	17×105	17×120
Tubes Quantity	30	30	30	30

D3024  
High Speed Micro Centrifuge

Unique Features

- Special multi-flow air cooling design with patent ensures fast cooling of the rotor and low energy consumption
- Unique temperature display appropriate for gentle handling of sensitive samples
- Bio-safe rotor/anti-sample overflow prevents accidental leakage in 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 places 1.5/2.0mL tubes, bigger 5.0mL, smaller 0.2mL and 0.5mL tubes with the use of adapters



Brushless DC motor



Wide range of rotors



CE FCC



CE FCC

Specifications

	D3024	D3024R
Max. Speed	15000rpm (200~15000rpm), increment:10rpm	15000rpm (200~15000rpm), increment:10rpm
Max. RCF	21380xg, increment:10xg	21380xg, increment: 10xg
Speed Accuracy	±20 rpm	±20 rpm
Temperature Range	-	-20°C~40°C
Rotor Capacity	5mLx18, 0.2mL/0.5mL/1.5mL/ 2mLx24, 0.5mLx36, PCR8x4	5mLx18, 0.2mL/0.5mL/1.5mL/ 2mLx24, 0.5mLx36, PCR8x4
Run Time	30sec~99min / Continuous	30sec~99min / Continuous
Motor	Brushless DC motor	Brushless DC motor
Safety Devices	Dual door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis	Dual door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC220V~240V, 50Hz/60Hz, 5A, AC110V~120V, 50Hz/60Hz, 8A 200W	Single-phase, AC220V~240V, 50Hz/60Hz, 10A, AC110V~120V, 50Hz/60Hz, 10A 400W
Acceleration /Braking time [Sec]	25s ↑ 25s ↓	25s ↑ 25s ↓
Dimension [WxDxH]	280x364x266mm	338x580x324mm
Weight	12kg	30kg
Certification	CE cTUVus FCC MCA	CE cTUVus FCC MCA
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	Speed/RCF switch; Short-time run function; sound-alert function

D3024R  
High Speed Refrigerated Micro Centrifuge

Powerful cooling system for precise temperature control

- Pre-cooling program ensures optimal protection of the sample before warming
- Guaranteed 2°C cooling within only 7 minutes for both chamber and samples even at maximum speed and capacity utilization
- Sound-alert allows your undivided attention on other tasks warming
- Locked lid after operation maintains the chamber temperature
- Intermittent temperature control mode, CFC-free refrigerant and low carbon life rotor capacity
- Bio-safe rotor/anti-sample overflow prevents accidental leakage in 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 place 1.5/2.0mL tubes, bigger 5.0mL, smaller 0.2mL and 0.5mL tubes with the use of adapters
- Quiet running, noise level ≤ 54dB







DLAB rotors are manufactured military-industrial-grade aluminum alloy with high mechanical strength for precise running and safety (excludes D2012 plus rotor)

- Every rotor can reach a Max. speed of 15000rpm
- Rotors are seated on a tapered shaft, concentric and self-aligning, perfect for achieving running stability at high speeds
- D3024 & D3024R with bio-safe rotors/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination. D3024 & D3024R rotors have passed MCA test according to IEC/EN61010-2-20, including explosion-proof and bio-safe tests
- High strength aluminum alloy rotors are fully autoclavable and provide unlimited service life (D2012 plus rotor not included)
- Powerful cooling system minimizes rotor heating. D3024 rotors heat up less than 10°C and D2012 rotors less than 8°C after running an hour

## Rotor Features

### Fully autoclavable

High strength aluminum alloy rotors are fully autoclavable, withstanding steam sterilizing at 121°C for 20 minutes, Unlimited service life is a reality.

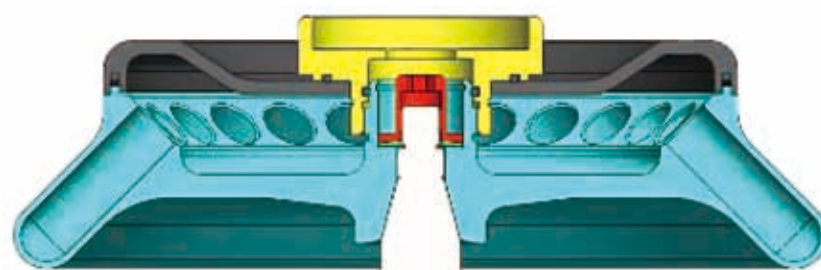
### Bio-safe

Aspired to be the top-of-the-line model, D3024 & D3024R rotors are designed to prevent sample leakage. Each and every rotor is hermetically sealed by three rubber seals.

### Explosion-proof

DLAB centrifuges are checked under MCA conditions according to IEC / EN61010-2-20, causing disruption by partially cutting and overloading rotor assembly, and guarantee that no any part shall be detached to cause danger to person or the environment.

Three rubber seals fitted to achieve bio-safe condition



Seals within the aluminum alloy rotor



## D3024 series | Rotors and Adapters

### Available rotors

#### AS24-2 for D3024 & D3024R

Cat. No. 19400006

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



#### AS12-5V for D3024 & D3024R

Cat. No. 19400032

Max. speed :15000rpm  
Max. RCF:21380×g  
Rotor capacity:5mL×12(culture tube)  
Rotor material:Aluminum alloy  
Bio-safe(Bio sealing):YES



#### AS36-05 for D3024 & D3024R

Cat. No. 19400007

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 for D3024 & D3024R

Cat. No. 19400008

Max. speed :15000rpm  
Max. RCF:21380×g  
Rotor capacity:0.2mL/PCR8×4  
Rotor material:Aluminum alloy  
Bio-safe(Bio sealing):YES





**AS18-5**  
for D3024 & D3024R

Cat. No. 19400012

Max. speed :15000rpm  
Max. RCF:21380xg  
Rotor capacity:5mLx18  
Rotor material:Aluminum alloy  
Bio-safe(Bio sealing):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

**A05P2**

Cat. No. 19500002

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

**A02P05**

Cat. No. 19500003

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



**D2012 plus**  
High Speed Mini Centrifuge

Features

- Powerful centrifugal force 15100xg and Max speed 15000rpm ideal for various applications
- Brushless DC motor drive quickly accelerates the rotor to the set speed
- Quiet working, Low noise ≤56dB
- D2012 is proven by IEC/EN 61010-1
- D2012 Plus passed the rigorous explosion-proof test and accredited with CE, cTUVus, FCC certificates, and MCA test. MCA test according to IEC/EN61010-2-20



Brushless DC motor



LCD display



CE cTUVus FCC

Specifications

	D2012 plus
Max. Speed	15000rpm (500~15000rpm), increment:100rpm
Max. RCF	15100xg, increment:100xg
Speed Accuracy	±20 rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/ 2mLx12
Run Time	30sec~99min / Continuous
Driving Motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power	Single-phase, AC110V~240V, 50Hz/60Hz, 3A 100W
Noise level	≤54dB
Acceleration /Braking time	11s ↑ /9s ↓
Dimension [D×W×H]	255×245×140mm
Weight	6kg
Certification	EMC, CE, FCC, ICES, cTUVus, CB
Advanced features	Speed/RCF switch, Short-time run function, sound-alert function





### Available rotors



#### A12-2P for D2012plus only

Cat. No. 19400010

Max. speed :15000rpm  
Max. RCF:15100xg  
Rotor capacity:2mL/1.5mLx12,0.2mLx12,0.5mLx12  
Rotor material:High strength plastic  
Available rotor adapters:A02P2,A05P2

### Available adapters



#### A02P2

Cat. No. 19500001

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

#### A05P2

Cat. No. 19500002

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

DLAB clinical centrifuges are widely used in the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories.

### Conforms to international safety standards and regulations

- DLAB clinical centrifuges have marked with CE, cTUVus and FCC, and passed the explosion-proof test / MCA test according to IEC/EN61010-2-20
- Passed EN61010-2-101:2002 particular requirements for in vitro diagnostic (IVD) medical equipment
- High strength plastic rotor gives excellent balance to guarantee stable operation
- Dual protection housing particularly advantageous for safe running
- Brushless DC motor precisely accelerates to the set speed



### Precise control

- Powerful CPU for easy operation of speed, time and all other parameters
- High accuracy of speed
- Digital timer adjustable from 30 sec. to 99 min or set for continuous run
- Gentle braking at low speeds with efficient separation

### Ergonomic design

- Easy operation thanks to intuitive menu and easy-to-read display
- RPM or G-force can be set and displayed
- Parameters can be modified after the set speed is reached
- Pressing and holding PULSE key for quick spin function
- Automatic lid-lock release
- Easy-to-read processing display and sound alert





DLAB DM0636 Multi-Purpose Clinical Centrifuge is ideal for the centrifugation of samples in clinical chemistry, cytology, research laboratories, industrial laboratories, etc.  
This centrifuge is suitable for tubes with caps, blood collection or urine tubes. Swing-out bucket rotors and adapters can be compatible with standard tubes up to 100 mL at low speed.

**DM0636**  
Multi-Purpose Clinical Centrifuge

**DM0636R**  
Multi-Purpose Clinical Centrifuge Refrigerated



**Specifications**

	DM0636	DM0636R
Speed range	300~6000rpm increment:10rpm	300~6000rpm increment:10rpm
Max. RCF	4300xg	4300xg
Speed accuracy	±20rpm	±20rpm
Temperature Range	-	-20~40°C
Rotor Capacity	9 types	9 types
Run Time	30sec~99mins/continue	30sec~99mins/continue
Motor	Brushless DC	Brushless DC
Display	LCD	LCD
Program Memory	9	9
Safety Devices	door,imb,motor over hot,speed over,chamber over temper	door,imb,motor over hot,speed over,chamber over temper
Acceleration/Braking time	9s ↑ /10 ↓	9s ↑ /10 ↓
Power	Single-phase AC220V~240V, 50Hz/60Hz, 6.3A; AC110V~120V,50Hz/60Hz,10A	Single-phase AC220V~240V, 50Hz/60Hz, 12.5A; AC110V~120V,50Hz/60Hz,15A
Dimension[WxDxH]	445x579x269mm	630x579x269mm
Weight	36kg	50kg
Certification	CE cTUVus FCC IVD	CE cTUVus FCC IVD
Advanced features	speed/rcf switch; Rotor identification	speed/rcf switch; Rotor identification

**Features:**

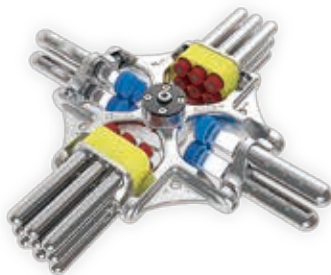
- Speed can be set from 300 rpm to a max. of 6000 rpm
- Maximum capacity of the centrifuge: 100 mL x4
- 9 Acceleration/10 Brake speed settings to ensure optimal separation
- Powerful cooling system for precise temperature control of both chamber and samples(0636R)
- A wide range of accessories(fixed angle and swing-out bucket rotors)
- Automatic rotor identification
- Timers can be set up to 99 min. for short run/continuous run
- 9 procedures stored in memory makes the operation much simplified
- Maintenance-free brushless DC motors

**DM0636 series | Rotors and Adapters**



**Uncapping block**

for S4-100 rotor


















**SE4-100(Standard accessory)**  
for DM0636 & DM0636R

Cat. No. 19400041

Max. speed :4000rpm  
Max. RCF:2830xg  
Rotor material:stainless steel body and adaptor



bucket	x 4										
tube	x 36		x 16			x 8	x 4	x 4	x 8	x 8	x 20
Nominal volume	3~7mL		10mL	12mL	15mL	50mL	100mL	85mL	50mL	15mL	3~7mL
φ×L mm	13×75	13×100	15×100	17×105	17×120	34×100		38×104	34×100	17×120 13×100 13×75	13×100 13×75
tube											
adapter	with plug										
Package	36						4	4	4	4	
Tubes per rotor	36	36	16	16	16	8	4	4	8	8	20
Radius(mm)	14	16.5	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.1	14.7
Max rcf (g-force)	2500	2950	2840	2840	2840	2840	2840	2840	2840	2700	2630



Available rotors



**AS12-PCR8**  
for D1536 & D1536R

Cat. No. 19400036

Max. speed :14000rpm  
Max. RCF:21910×g  
Rotor capacity:PCR 8 trips×12  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS30-2(Default)**  
for D1536 & D1536R

Cat. No. 19400034

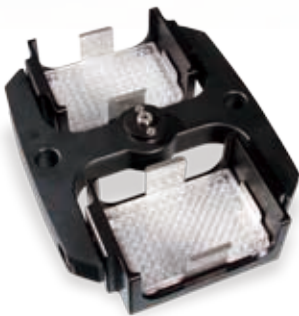
Max. speed :15000rpm  
Max. RCF:25150×g  
Rotor capacity:2mL×30  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS60-2**  
for D1536 & D1536R

Cat. No. 19400037

Max. speed :14000rpm  
Max. RCF:21910×g  
Rotor capacity:2mL×60  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**S2-MP**  
for D1536 & D1536R

Cat. No. 19400062

Max. speed :4000rpm  
Max. RCF:2200×g  
Rotor capacity:Micro-plants 384-PCR; 96-PCR  
Rotor material:stainless steel body and aluminum buckets

Available rotors



**AS6-50V**  
for DM0636 & DM0636R

Cat. No. 19400038

Max. speed :12500rpm  
Max. RCF:18690×g  
Rotor capacity:50mL×6  
Rotor material:aluminum  
Bio-safe(Bio sealing):YES



**AS18-5V**  
for DM0636 & DM0636R

Cat. No. 19400035

Max. speed : 15000rpm  
Max. RCF: 25150×g  
Rotor capacity: 5mL×18  
Rotor material:stainless steel body and aluminum buckets



**A8-50**  
for DM0636 & DM0636R

Cat. No. 19400039

Max. speed : 5000rpm  
Max. RCF: 3460×g  
Rotor capacity: 50mL×8 or 15mL×16  
Rotor material:aluminum body and stainless steel adaptor



**A30-15**  
for DM0636 & DM0636R

Cat. No. 19400040

Max. speed :4500rpm  
Max. RCF:2570×g  
Rotor capacity:15mL×30  
Rotor material:aluminum body and stainless steel adaptor  
Bio-safe(Bio sealing):YES

Capacity	3~7mL Blood collection tube	10mL Blood collection tube	12mL urine tube	15mL
φ×L mm	13×75	13×100	17×105	17×120
Tubes Quantity	30	30	30	30

DLAB DM0412 & DM0412S clinical centrifuges support applications with small sample volumes. The centrifuges are supplied with an angle rotor that can hold up to 15mLx8 or 10mL/7mL/5mLx12 vacuum tubes. They are widely used in medical and veterinary practices for the centrifugation of blood and urine samples, in environmental analyses for the clarification of water and soil samples or in universities and other research institutes

DM0412  
Clinical Centrifuge

Features:

- Easy programming to achieve high accuracy of speed control
- Easy operation with intuitive menu and easy-to-read display
- Rotor speed can be set and displayed by RPM or G-force
- Maintenance-free brushless DC motors
- Pressing and holding PULSE key for quick spin function
- Lid with electric lock and automatic release function saves processing time and prevents samples overheating
- Automatic self-diagnosis on startup showing accumulative running time and last running parameters

DM0412S  
Economical Clinical Centrifuge

Features:

- Max. speed at 4500rpm
- Precise control of speed and time separately
- Faster acceleration and deceleration
- Perfectly suited for 15mL cell culture tubes and a full line of collection tubes



CE FC

Specifications	DM0412	DM0412S
Speed range	300~4500rpm, increment: 100rpm	300~4500rpm, increment:100rpm
Max. RCF	2490×g	2490×g
Speed accuracy	±20rpm	±100rpm
Rotor Capacity	1 type	1 type
Run Time	30sec~99min HOLD(Continuous operation)	1sec~99min HOLD(Continuous operation)
Motor	Brushless DC motor	DC motor
Display	LCD	LED
Safety Devices	Door interlock,Overspeed detector; Automatic internal diagnosis	Door interlock,Over-speed detection
Acceleration/Braking time	20s ↑ 13s ↓	23s ↑ 23s ↓
Power	Single-phase, 110V~240V,50Hz/60Hz, 3A 70W	Single-phase,220V~240V,50Hz/60Hz, 3A;110V~120V,50Hz/60Hz, 3A 70W
Dimension[WxDxH]	245×255×140mm	364×280×266mm
Weight	6kg	6kg
Certification	CE, UL, IVD	-
Advanced features	Speed/RCF switch;Short-time run function; sound-alert function	sound-alert function















Available rotors



**A12-10P**  
for DM0412 & DM0412S

**Cat. No.** 19200348

Max. speed :4500rpm  
Max. RCF:2500×g  
Rotor capacity: 8x15ml;12x10ml  
Rotor material: High strength plastic

Available tubes	Tube quantity	Dimension (Φ×L mm)	Adapters	Maximum speed(rpm)	Radius (cm)	Maximum RCF (×g)
15mL con 	8	17×120		4500	11	2490
1.5~5mL vacu 	12	13×75	A10P15 & Plug 	4500	9.8	2218
4~7 mL vacu 	12	13×100	A10P15 	4500	11	2490
		16×75			9.8	2218
8.5~10 mL vacu 	12	16×107		4500	11	2490
2.7~3 mL(EU) collection tube 	12	11×66	A10P15 & Plug 	4500	9.8	2218
7.5~8.2 mL(EU) collection tube 	12	15×92	A10P15 	4500	11	2490

Note: Made of plastic, A12-10P rotor cannot be autoclaved or applied with UV irradiation. Regular sterilization is recommended.



DLAB hematocrit centrifuge with AC24P hematocrit rotor is used for determination of volume fractions of erythrocytes in blood for diagnostic purposes and doping tests. Also it is used to derive plasma for the photometric determination of the bilirubin content of the blood of neonates. Hematocrit centrifuge with A24-2P tube rotor is suit for 1.5/2mL tubes, which can be used for extraction of DNA and RNA.

DM1424 Hematocrit Centrifuge

- Features:
- Speed range of 200~14000rpm, Max. RCF 18620×g
  - Precise control of speed and time separately
  - Easy operation with intuitive menu and easy-to-read display
  - Maintenance-free brushless DC motors
  - Pulse operation for quick spins
  - Rotor capacity: Hematocrit rotor: 24 capillary Max. speed:12000rpm Tube rotor: 1.5/2mL×24 Max. speed: 14000rpm

DM1224E Economical Hematocrit Centrifuge

- Features:
- MAX.speed is 12000rpm, Max. RCF 13680×g
  - Precise control of speed and time separately
  - Rotor capacity: Hematocrit rotor: 24 capillary





CE FC



CE FC

Specifications

	DM1424	DM1224E
Speed range	200~14000rpm, increment: 10rpm	300~12000rpm, increment: 100rpm
Max. RCF	18620×g	13680×g
Speed accuracy	±30	±100
Rotor Capacity	2 type	1 type
Run Time	30sec~99min / Continuous	30sec~99min / Continuous
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LCD
Safety Devices	Door interlock,Overspeed detector; Over-temperature detector; Automatic internal diagnosis; Automatic rotor identification	Door interlock,lmb protection
Acceleration/Braking time	20s ↑ 20s ↓	50s ↑ 50s ↓
Power	Single-phase, 220V~240V,50Hz/60Hz, 5A; 110V~120V,50Hz/60Hz, 5A 160W	Single-phase, 220V~240V,50Hz/60Hz, 5A; 110V~120V,50Hz/60Hz, 5A 160W
Dimension[WxDxH]	364×280×266mm	370×280×220mm
Weight	10kg	8kg
Certification	CE cTUVus FCC MCA IVD	-
Advanced features	Speed/RCF switch;Short-time run function; sound-alert function	Speed/RCF switch;Short-time run function; sound-alert function



Available rotors

**A24- 2P**  
for DM1424

Cat. No.19400013

Max. speed : 14000rpm  
Max. RCF: 18620×g  
Rotor capacity: 2mL/1.5mL×24,0.2mL×24,0.5mL×24  
Rotor material: High strength plastic  
Available rotor adapters:A02P2,A05P2,A10P15 & Mat

**AC24P**  
for DM1424 & DM1424E

Cat. No. 19400023

Max. speed : 12000rpm  
Max. RCF: 13680×g  
Rotor capacity: capillary tubes x24  
Rotor material: High strength aluminum

Available adapters

**A02P2**

Cat. No. 19500001

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

**A05P2**

Cat. No. 19500002

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

**A10P15**

Cat. No. 19500003

Rotor adapter, used with A12-10P, 12pcs/pk



D1008 series  
Palm Micro Centrifuge

Features

- Ideal for microfiltration and quick spin-downs
- Easy-to-use with dual start/stop function
- 7000rpm fixed speed (D1008)
- 5000rpm fixed speed (D1008E)
- Compatible with 2mL x 8 and PCR8 x 2 rotors
- Quiet running, noise level ≤45 dB
- Rotor change without tools
- Accelerates and brakes in seconds
- Four colors available, green, blue, yellow and pink, add color to your routine laboratory life



Quiet operation



Vibration free



CE FC



Specifications	D1008	D1008E
Max. Speed	7000rpm	5000rpm
Max. RCF	2680xg	1360xg
Rotor Capacity	0.2/0.5/1.5/2.0mLx8; 0.2mLx16 PCR strips or 0.2mLx2 PCR 8 strips	0.2/0.5/1.5/2.0mLx8; 0.2mLx16 PCR strips or 0.2mLx2 PCR 8 strips
Run Time	Continuous operation	Continuous operation
Driving Motor	DC motor	DC motor
Power	AC110~240V/50Hz/60Hz 20W	AC110~240V/50Hz/60Hz 20W
Noise level	≤45dB	≤45dB
Dimension [DxWxH]	160 x 170 x 122mm	160 x 170 x 122mm
Weight	0.5kg	0.5kg
Certification	CE cTUVus FCC MCA	CE cTUVus FCC MCA



Available rotors

A08-2

Cat. No. 19400015

Max. speed:10000/7000/5000rpm  
Max. RCF:5460/2680/1360xg  
Rotor capacity:2mL/1.5mLx8,0.2mLx8,0.5mLx8  
Rotor material:High strength plastic  
Available rotor adapters:SA02P2, SA05P2

A02-PCR8

Cat. No. 19400017

Max. speed:10000/7000/5000rpm  
Max. RCF:5460/2680/1360xg  
Rotor capacity:0.2mLx16 PCR strips,0.2 mLx2 PCR 8 strips  
Rotor material:High strength plastic

Available adapters

SA02P2

Cat. No. 19400029

0.2mL rotor adapter  
Used with A08-2 rotor  
8pcs/pk

SA05P2

Cat. No. 19400026

0.5mL rotor adapter  
Used with A08-2 rotor  
8pcs/pk