



# Centrifuges

Centrifuge is used to separate liquid and solid particles or components in a liquid mixture. centrifuge series includes palm micro centrifuges, high-speed centrifuges (refrigerated and non-refrigerated), hematocrit centrifuges and low speed centrifuges.

### List of models:

Series	Image	Model	Display	Max. speed(RCF)	Rotor Capacity	Page
palm micro centrifuges		D1008	-	7000rpm (2680 × g)	8x0.2/0.5/1.5/2mL 0.2 mL x 32 PCR strips, 0.2 mL x 4 PCR 8 strips	p.85
High speed Mini Centrifuge		D2012Plus	LCD	15000rpm (15100 × g)	12 × 0.2/0.5/1.5/2mL	p.87
High speed Refrigerated Micro Centrifuge		D1524R	LCD	15000rpm (21380 × g)	24 × 1.5/2mL, 36 × 0.5mL, 4 × PCR eight strips, 12 × 5mL (cone), 18 × 5mL (round),	p.88
High speed Micro Centrifuge		D3024	LCD	15000rpm (21380 × g)		p.89
hematocrit centrifuge		DM1424	LCD	12000 rpm (13680 × g)	24 × capillary tubes	p.92
		DM1224	LCD	12000 rpm (13680 × g)	24 × capillary tubes	p.92
DM0412 Series		DM0412	LCD	4500rpm (2490 × g)	8x15mL 12x10mL/7mL 1.5-5mL	p.94
DM0424 & DM0408 Series		DM0424	LCD	4000rpm (2500 × g)	4x50mL 24x15mL	p.96
		DM0408	LED	4000rpm (1900 × g)	8x15mL 12x10mL/7mL 1.5-5mL	p.96
DM0506 Series		DM0506	LCD	5000rpm (2600 × g)	6x15mL/10mL /7mL/1.5-5mL	p.98
DM0636 Series		DM0636	LCD	6000rpm (4020 × g)	4x100mL 36x3-7mL	p.99

# D1008

## Palm Micro Centrifuge

## Applications

This centrifuges is ideal for quick spins, microfiltration of samples, cell separations and many other routine laboratory procedures.

## Features

- Easy to operate with dual start/stop function – Close lid for a spin speed up to 7000 rpm
- Smooth and quiet operation (noise level  $\leq 45\text{dB}$ )
- Accelerates and brakes in seconds
- Safe, durable and robust rotor with clamp locking design
- Compatible with 2mLx8 and PCR8x4 rotors
- Quick-change rotor without any tool



Quiet operation



Vibration free



Specifications	D1008
Max. Speed	7000rpm
Max. RCF	2680 × g
Rotor Capacity	0.2/0.5/1.5/2.0mL × 8; 0.2mL × 32 PCR strips or 0.2mL × 4 PCR 8 strips
Run Time	Continuous operation
Driving Motor DC motor	DC motor
Power Requirements	AC100–240V/50Hz/60Hz 20W
Noise Level	$\leq 45\text{dB}$
Dimension [D × W × H]	160x170x122mm
Weight	0.5kg
Certification	CE cTUVus FCC MCA

## Available rotors


**A04-RCR8**
**Cat. No.19200810**

Max. speed:7000rpm

Max. RCF:2680 × g

 Rotor capacity: 0.2 mL × 32 PCR strips,  
0.2 mL × 4 PCR 8 strips

Rotor material: High strength plastic


**A8-2P**
**Cat. No.19400015**

Max. speed:7000rpm

Max. RCF:2680 × g

Rotor capacity:2mL/1.5mL × 8, 0.2mL × 8, 0.5mL × 8

Rotor material:High strength plastic

Available rotor adapters:SA02P2, SA05P2



## 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





# D2012 Plus

## High Speed Mini Centrifuge

## Features

- Pulse operation for fast and convenient quick spins
- Speed up to 15000rpm (15100 × g)
- Brushless DC motor drive quickly to the target speed
- Smooth and quiet operation (noise ≤54dB)
- Automatic lid-lock and over-speed detection
- Passed rigorous explosion-proof test, certified with CE, cTÜVus, FCC

## Applications

Microcentrifuges are mainly used in molecular biology laboratories for Plasmid extraction; Nucleic acid purification; Pre-sequencing processing and other applications including extracting of DNA/RNA samples, sedimentation biological components, biochemical and chemical analyses of microsamples.



Brushless DC motor



LCD display

## Available rotors



Specifications	D2012 plus
Max. Speed	15000rpm(500–15000rpm), increment: 100rpm
Max. RCF	15100 × g, increment: 100 × g
Speed Accuracy	± 20rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mL × 12
Run Time	30sec–99min/Continuous
Acceleration/Braking time	11s ↑ /9s ↓
Driving Motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection, Over-temperature detection, Automatic internal diagnosis
Power Requirements	Single-phase, AC100V–240V, 50Hz/60Hz, 3A100W
Noise level	≤54dB
Dimension[D × W × H]	255 × 245 × 140mm
Weight	6kg
Certification	EMC CE FCC ICES cTÜVus CB
Other functions	Speed/RCF switch, Short-time run function, sound-alert function

### A12-2P Cat.NO.19400010

#### for D2012plus only

Max. speed: 15000rpm

Max. RCF: 15100 × g

Rotor capacity:

2mL/1.5mL × 12, 0.2mL × 12, 0.5mL × 12

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



# D1524R

## High-speed Refrigerated Micro Centrifuge



## Applications

Ideal for centrifugation of temperature sensitive samples, such as live cells, animals or proteins. It allows them to be used in a multitude of applications, including pelleting of DNA and RNA samples, pelleting of PCR amplified nucleic acids, separation of antibody and protein precipitates, performing enzymatic tests, removing cell debris from cell homogenates, and achieving bacterial and yeast cell fractionation.

## Features

- Electronic Magnetic door locking system – the lid can be closed with one hand soft touch
- Precooling, the compressor automatically starts cooling as long as the set temperature is lower than the ambient temperature
- Sound indicator at the end of running.
- Temperature range  $-20^{\circ}\text{C}$  to  $40^{\circ}\text{C}$
- Short pre-cooling time of only 7minutes from room temperature to  $4^{\circ}\text{C}$
- Up to 9 program storage capacity
- 3-layer sealed rotors ensure safe centrifugation
- High-strength aluminum alloy rotor can be fully autoclavable at  $121^{\circ}\text{C}$
- Rotor imbalance detection alarm
- Adjustable acceleration/deceleration at 9 levels allows gentle braking at low speed for better separation
- Five rotors with 0.2mL, 0.5mL, 1.5mL, 2mL and 5mL centrifuge tubes/ PCR tubes capacity
- An external condensation tank prevents water accumulation within centrifuge chamber



Specifications	D1524R
Max. Speed	15,000rpm (200–15,000rpm) in 100rpm increments.
Max. RCF	$21,380 \times g$ , step: $10 \times g$
Capacity	1.5/2mL $\times 24$ , 0.5mL $\times 36$ , PCR8 $\times 4$ , 5mL $\times 12$ , 5mL $\times 18$ .
Temperature setting	$-20^{\circ}\text{C}$ – $40^{\circ}\text{C}$
Run Time	30s–99 min; HOLD (continuous running)
Acceleration and deceleration time	25s $\uparrow$ 25s $\downarrow$
Motor Type	Brushless DC motor
Safety Performance	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.
Power Requirements	Single-phase, 200V–240V, 50Hz/60Hz, 500W/100V–120V, 50Hz/60Hz, 500W
Noise	$\leq 56\text{dB}$
Dimensions[WxDxH]	332 $\times$ 553 $\times$ 283mm
Weight	30kg
Certification	CE cTÜVus FCC
Other functions	Rotation speed/RCF switchover, inching operation, running process indicator, sound alert. Adjustable acceleration/deceleration at 9 levels program storage capacity.

# D3024

## High Speed Micro Centrifuge

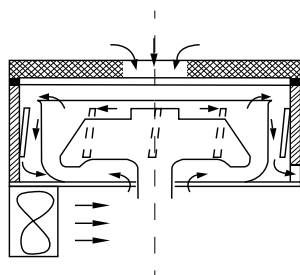


Brushless DC motor



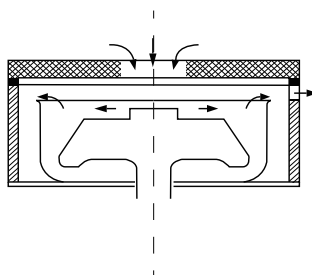
Wide range of rotors

### Effective Ventilation System



Proprietary design of dual path ventilation enforcing air cooling from both the upper and lower side for the rotor.

### Conventional design



Limited ventilation on the upper side of the rotor

## Features

- Patent special double cooling air design ensures fast cooling of the rotor and low energy consumption
- 3-layer sealed rotors ensure safe centrifugation
- Brushless motor drive, maintenance free
- Safety features include door interlock; excessive speed and temperature detection; automatic self-diagnostics
- Outstanding aluminum alloy rotors fully autoclavable at 121°C temperature and high pressure disinfection
- Five rotors are optional complete with 24 places 1.5/2.0mL tubes, 5.0mL, 0.2mL and 0.5mL tubes with adapters

## Applications

Suitable for numerous biological, chemistry, clinical and research applications including molecular biology, clinical chemistry labs, wide variety of microbiology applications, such as DNA, RNA or protein isolation and many more.

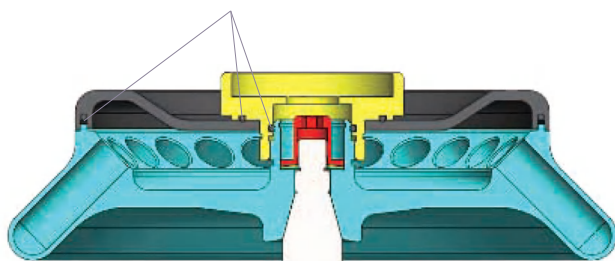


Rotors are manufactured from military-industrial grade aluminum alloy with high mechanical strength for precise running and safety (excludes D2012 plus rotor)

- Every rotor can reach a maximum Speed of 15000rpm
- Rotors are seated on a tapered shaft, concentric and self-aligning, perfect to achieve running stability at high speeds
- D3024 & D1524R with three-layer sealed rotors/ anti- sample overflow prevents accidental leakage
- D3024 & D3024R rotors have passed MCA test according to IEC/EN61010-2-20, including mechanical safety and bio-safety tests
- Powerful cooling system minimizes rotor heating. D3024 rotors maintain at 10°C and D2012 rotors less than 8°C after running an hour

### Seals within the aluminum alloy rotor

Three rubber seals fitted to achieve bio-safe condition



## Rotor Features

### Fully autoclavable

High strength aluminum alloy rotors are fully autoclavable, withstanding steam sterilizing at 121°C for 20 minutes

### Three-layer seal

D3024 & D1524R rotors are designed to prevent sample leakage. Each and every rotor is hermetically sealed by three rubber seals.

### Mechanical safety

Centrifuges confirm to MCA standard

IEC/EN61010-2-20, causing disruption by partially cutting and overloading rotor assembly, and guarantees that no part shall be detached to cause danger to person or the environment.

Specifications	D3024
Max. Speed	15000rpm(200-15000rpm), increment:10rpm
Max. RCF	21380 × g, increment:10 × g
Speed Accuracy	± 20 rpm
Rotor Capacity	5mL × 18, 5mL culture tubex12 0.2mL/0.5mL/1.5mL/ 2mL × 24, 0.5mL × 36,PCR8 × 4
Run Time	30sec-99min/Continuous
Acceleration/Braking time [Sec]	25s ↑ 25s ↓
Motor	Brushless DC motor
Safety Devices	Dual door interlock, Over-speed detection, Automatic internal diagnosis
Power Requirements	Single-phase, AC200V-400V, 50Hz/60Hz, 5A, AC100V-120V, 50Hz/60Hz, 8A 200W
Noise Level	≤ 64dB
Dimension[W × D × H]	280 × 364 × 266mm
Weight	12kg
Certification	CE cTUVus FCC MCA
Other functions	Speed/RCF switch; Short-time run function; sound-alert function

## Available rotors

### AS24-2

Cat. No.19400069

#### for D3024 & D1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity:

2mL/1.5mL × 24/0.2mL × 24/0.5mL × 24

Rotor material: Aluminum alloy

Biosealing: Yes

Available rotor adapters: A02P2,A05P2



### AS18-5 (round bottom)

Cat. No.19400073

#### for D3024 & D1524R

Max. speed :15000rpm

Max. RCF:21380 × g

Rotor capacity:5mL × 18 ( Round bottom)

Rotor material:Aluminum alloy

Biosealing:Yes



### AS12-5V (cone bottom)

Cat. No.19400070

#### for D3024 & D1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity: 5mL × 12(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 & D1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity: 0.5mL × 36,0.2mL × 36

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 & D1524R

Max. speed: 15000rpm

Max. RCF: 21380 × g

Rotor capacity:0.2mL/PCR8 × 4

Rotor material: Aluminum alloy

Biosealing: Yes



### A02P05

Cat. No.19500003

0.2mL rotor adapter

Used with AS36-05 rotor 36pcs/pk





# DM1424

## Hematocrit Centrifuge

### Features

- Speed range of 200–12000 rpm Precise and independent control of speed and time
- Easy operation with intuitive menu and LCD display
- Maintenance-free brushless DC motor
- Pulse operation for fast and convenient quick spins
- Advance features include speed/RCF switch; short-time run function; audible alert function
- Safety features include door interlock, overspeed detector; over-temperature detector; automatic internal diagnosis and automatic rotor identification



# DM1224

## Economical Hematocrit Centrifuge

### Features

- Speed range of 500–12000 rpm
- Precise control of speed and time
- Maintenance-free brushless DC motors
- Door interlock

### Applications

Hematocrit centrifuges are used for determination of erythrocyte fractions in blood as well as micro solution separations. It provides hematocrit values (HCT) for testing in biochemistry, immunity, genetics, blood separation and for general clinical tests for diagnostic purposes and also for dope tests. They have special applications for the photometric determination of bilirubin content in neonate blood samples. They are suitable for extraction of DNA and RNA. Veterinary clinics and Vitamins testing for Infants.



Specifications	DM1424	DM1224
Speed Range	200–12000rpm, increment: 10rpm	500–12000rpm, increment: 100rpm
Max. RCF	18620 × g	13680 × g
Speed Accuracy	± 20	± 100
Run Time	30sec–99min/Continuous	10sec–99min/Continuous
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis, Automatic rotor identification	Door interlock
Acceleration/Braking time	30s ↑ 30s ↓	40s ↑ 40s ↓
Power Requirements	Single-phase, 200V–240V, 50Hz/60Hz, 5A; 100V–120V, 50Hz/60Hz, 5A 160W	Single-phase, 200V–240V, 50Hz/60Hz, 5A; 380W
Dimension[WxDxH]	280 × 364 × 274mm	280 × 364 × 213mm
Weight	10.5kg	8.5Kg
Certification	CE cTÜVus FCC MCA	–
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	Speed/RCF switch; Short-time run function; sound-alert function



## Available rotors

AC24

Cat. No.19400047

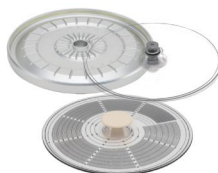
### DM1424 & DM1224

Max. speed: 12000rpm

Max. RCF: 13680 × g

Rotor capacity: capillary tubes x24

Rotor material: High strength aluminum



# DM0412

## Low Speed Centrifuge

### Features

- Easy operation with intuitive menu and easy-to-read display
- Speed can be set in RPM/RCF
- Maintenance-free brushless DC motor
- Quick spin function with press and hold pulse key
- Lid with electric lock and automatic release function
- Automatic lid-lock release after running
- Braking time 2 steps adjustable only for A6-50P rotor
- High strength plastic rotor gives excellent balance to guarantee stable working
- Dual protection housing particularly benefit for safe running
- Gentle braking at low speeds with efficient separation
- CE marked, cTÜVus, and passed explosion-proof test




### Applications


DM0412 is ideal for separation of whole blood components, such as serum, plasma, buffy coat, red blood cells, as well as other bodily fluids.



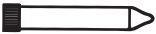
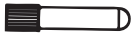




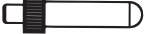
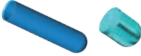
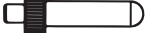

Specifications	DM0412
Speed Range	300–4500rpm, increment: 100rpm
Max. RCF	2490 × g
Speed accuracy	± 20rpm
Rotor type	A12–10P, A6–50P
Run Time	30sec–99min HOLD (Continuous operation)
Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis
Acceleration/Braking time	A12–10P: 20s ↑ 13s ↓ A6–50P: 20s ↑ 20 s /90 s ↓
Power Requirements	Single-phase, 100V–240V, 50Hz/60Hz, 3A70W
Dimension[WxDxH]	354 × 304 × 215mm
Weight	6kg
Certification	CE cTÜVus
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function

## Available rotors

A12-10P (round bottom)	Cat. No.19400068
<b>for DM0412 &amp; DM0424 &amp; DM0408</b> Max. speed: 4500rpm Max. RCF: 2490 × g Rotor capacity: 8x15mL, 12x10mL Rotor material: High strength plastic	
	

A6-50P (round bottom)	Cat. No.19100197
<b>For DM0412(A6-50P)</b> Max. speed: 4000rpm Max. RCF: 1800 × g Rotor capacity: 50mL × 6 or 15mL × 6 Rotor material: High strength plastic	
	

## A12-10P and A6-50P are not interchangeable

Available tubes	Tube quantity	Dimension (ØLxmm)	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
4–7mL vacu 	12	13 × 100	A10P15 	4500	11	2490
		16 × 75			9.8	2218
8.5–10mL vacu 	12	16 × 107		4500	11	2490
2.7–3mL(EU) collection tube 	12	11 × 66	A10P15 & Plug 	4500	9.8	2218
7.5–8.2mL(EU) collection tube 	12	15 × 92	A10P15 	4500	11	2490

# DM0424&DM0408

## Multi-Purpose low Speed Centrifuge

### Features

- Quiet, compact, and convenient with LCD display
- Maximum up to 4000rpm Speed can be set in RPM/RCF, with 3 customizable routine programs (Blood, Urine & Faecal)
- 3 acceleration level & 4 level deceleration
- Maximum capacity 50mL × 4, Accommodating different sizes of blood collection tubes and centrifuge tubes suitable for swing out rotor and angle rotor
- Automatic internal diagnosis and self-detection
- Maintenance-free brushless DC motor

### Applications

Multi-purpose low speed centrifuge are versatile and can be used in applications from clinical to biochemical for qualitative analysis of serum, plasma, blood, and urine.



Specifications	DM0424	DM0408
Speed range	500–4000rpm increment: 100rpm	300–4000rpm increment: 100rpm
Max. RCF	2500 × g	1900 × g
Speed accuracy	± 100rpm	± 100rpm
Rotor	Swing6 × 15mL Swing4 × 50mL Angle 24 × 15 mL, Angle 12 × 10mL/8 × 15mL	Angel 8 × 15mL(Default), Angel 12 × 10mL
Run time	1–99min, HOLD	1–99min, HOLD
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LED
Program	Blood: 3200rpm, 10min. Urine: 1800rpm, 5min. Faecal: 1300rpm, 10min.	Blood: 3200rpm, 10min Urine: 1800rpm, 5min Faecal: 1300rpm, 10min
Safety Device	Automatic internal diagnosis	Automatic internal diagnosis
Acceleration/deceleration	3 ↑ 4 ↓ steps	25s ↑ 35s ↓
Power Requirements	Single phase, 100V–240V, 50Hz/60Hz	Single phase, 100V–240V, 50Hz/60Hz
Dimension(W × D × H)	364 × 440 × 268mm	286 × 367 × 227mm
Weight	14.5kg	9.2kg
Certification	CE cTÜVus	CE cTÜVus
Noise	≤62dB(A)	≤60dB(A)



## Available rotors

**S6-15**
**Cat. No.19400082**
**for DM0424**

Max. speed: 4000rpm

Rotor capacity: 15mL × 6

Rotor material: Aluminum alloy

Default adaptor: A15P22, A5P17


**A12-10P**
**Cat. No.19200348**
**for DM0424/DM0408**
**DM0412**

Max. speed : 4000rpm

Rotor capacity: 15mL × 8, 10mL × 12

Rotor material: High strength plastic

Default adaptor : A2P17


**S4-50**
**Cat. No.19400100**
**for DM0424**

Max. Speed: 4000rpm

Rotor capacity: 50mL × 4

Rotor material: Aluminum alloy

Default adaptor: A15P30, A5P17



## Available adaptors

**A15P30**
**Cat. No.19500024**

 50mL change 15mL adapter,  
Adapted to 17 × 120mm centrifuge  
tube, 13/16 × 100mm blood  
collection tube 4pcs/pk,

**A24-15P**
**Cat. No.19400101**
**for DM0424**

Max. speed: 4000rpm

Rotor capacity: 15mL × 24

Rotor material: High strength plastic

Default adaptor: A15P22, A5P17


**A15P22**
**Cat. No.19500021**

 15mL adapter for 17 × 120mm  
centrifuge tube, 13/16 × 100mm  
blood collection tube 24 pcs/pk,  
for S6-15, A24-15P, A8-15P

**A8-15P**
**Cat. No.19400084**
**for DM0424/DM0408**

Max. Speed: 4000rpm

Rotor capacity: 15mL × 8

Rotor material: High strength plastic

Default adaptor: A15P22


**A5P17**
**Cat. No.19500022**

 5mL adapter, Adapted to 13 × 75mm  
blood collection tube 24 pcs/pk,  
for S4-50, S6-15, A24-15P

**A2P17(Optional)**
**Cat. No.19500023**

 1.5/2mL Cryogenic Vials/ centrifuge  
tube adapter, 24 pcs/pk, for S4-50,  
S6-15, A24-15P, A12-10P, A6-50P


# DM0506

## Low-speed Centrifuge



### Available adapters

#### A5P17

Cat. No.19500022

5mL adapter, Adapted to 13 × 75mm blood collection tube



#### A2P17

Cat. No.19500023

1.5/2mL Cryogenic Vials/ centrifuge tube adapter



## Features

- Speed range from 300–5000 rpm
- Set and displayed by RPM or G–force
- Two programs P1/P2, easy to start the procedure by one key
- Two deceleration speeds setting to meet different requirements
- Easy-to-read LCD display and sound alert
- Automatic lid-lock release after running
- Maintenance-free brushless DC motor

## Applications

DM0506 is widely used in the medical industry. Ideal for separation of serum, plasma, urine, fecal samples in biochemical & medical laboratories. It is an essential equipment of every clinical laboratory, blood bank, medical college and medical research institute.

Specifications	DM0506
Speed Range	300–5000rpm, increment:10rpm
Max. RCF	2600xg, increment: 10g
Speed accuracy	± 20rpm
Rotor type	6x15mL/10mL/7mL/1.5–5mL
Run Time	30sec–99min, HD (continuous running)
Display	LCD
Preloaded Program	2
Acceleration/Deceleration	1 ↑ 2 ↓
Safety Devices	Door interlock, Overspeed detector, Automatic internal diagnosis
Motor	Brushless DC motor
Power Requirements	Single-phase, 100V–240V, 50Hz/60Hz, 70W
Dimension[WxDxH]	300X240X180mm
Weight	5.2kg
Certification	CE cTÜVus
Advanced features	Speed/RCF switch; sound-alert function

# DM0636

## Multi-Purpose Low-speed Centrifuge

### Features

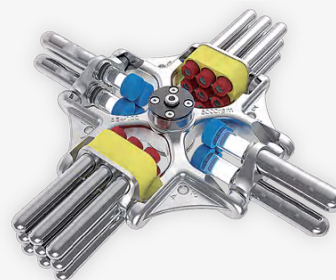
- Speed from 300–6000 rpm
- Maximum capacity : 100 mLx4
- 9 Acceleration/10 Brake speed settings to ensure optimal separation
- A wide range of rotors optional(fixed angle and swing-out rotors)
- Automatic rotor identification
- Pulse Key for quick spin
- 9 procedures stored in memory makes the operation much simplified
- Maintenance-free brushless DC motor
- Suitable for tubes with caps, blood collection or urine tubes
- Comprehensive and versatile range of accessories



Specifications	DM0636
Speed Range	300–6000rpm increment:10rpm
Max. RCF	4020xg
Speed accuracy	±20rpm
Max. Capacity	100mLx4
Run Time	30sec–99mins/continuous
Motor	Brushless DC motor
Display	LCD
Program Memory	9
Safety Devices	Door Imbalance protection Over speed & Over temperature detection
Acceleration/Deceleration	9 ↑ /10 ↓ steps
Power Requirements	660W; Single-phase AC220V–240V, 50Hz/60Hz, 6.3A; AC110V–120V, 50Hz/60Hz, 10A
Noise Level	≤65dB
Dimension[WxDxH]	445x579x269mm
Weight	36kg
Certification	CE
Advanced features	speed/rcf switch; Rotor identification

### Applications

DM0636 is ideal for chemistry, cytology, research laboratories, industrial laboratories and other. This is suitable for tubes with caps, blood collection or urine tubes. Swing-out rotors and adapters can be compatible with standard tubes up to 100mL at low speed.



**SE4-100**  
(Standard accessory)

Cat. No.19400041

for DM0636

Max. speed: 4000rpm

Max. RCF:  $2950 \times g$

Rotor material: stainless steel body and adapter

[illegible]

## Available rotors

### S2-MP

Cat. No.19400062

#### DM0636

Max. speed: 4000rpm  
Max. RCF: 2200 × g  
Rotor capacity: Micro-plates  
384-PCR/96-PCR/Elisa  
plates × 8pcs; Deep well plates × 4pcs  
Rotor material: stainless steel body



### AS6-50V (cone bottom)

Cat. No.19400038

#### DM0636

Max. speed: 6000rpm  
Max. RCF: 4020 × g  
Rotor capacity: 50mL × 6 or 15mL × 6  
Rotor material: aluminum  
Biosealing: Yes



### AS12-PCR8

Cat. No.19400036

#### DM0636

Max. speed: 6000rpm  
Max. RCF: 4020 × g  
Rotor capacity: PCR 8 trips × 12  
Rotor material: aluminum  
Biosealing: Yes



### AS18-5V (cone bottom)

Cat. No.19400035

#### DM0636

Max. speed: 6000rpm  
Max. RCF: 4020 × g  
Rotor capacity: 5mL × 18  
Rotor material: stainless steel body  
and aluminum buckets  
Biosealing: Yes



### AS30-2

Cat. No.19400034

#### DM0636

Max. speed: 6000rpm  
Max. RCF: 4020 × g  
Rotor capacity: 2mL × 30  
Rotor material: aluminum  
Biosealing: Yes



### A8-50 (round bottom)

Cat. No.19400039

#### DM0636

Max. speed: 5000rpm  
Max. RCF: 3960xg  
Rotor capacity: 50mL × 8 or  
15mLx16  
Rotor material: aluminum body  
and stainless steel adapter  
Default adapters: SE100P31x8,SE100P17x16



### AS60-2

Cat. No.19400037

#### DM0636

Max. speed: 6000rpm  
Max. RCF: 4020 × g  
Rotor capacity: 2mL × 60  
Rotor material: aluminum  
Biosealing: Yes



### A30-15 (round bottom)

Cat. No.19400040

#### DM0636

Max. speed: 4500rpm  
Max. RCF: 3210xg  
Rotor capacity: 15mL × 30  
Rotor material: aluminum body and  
stainless steel  
adapter

