



Centrifuges

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

List of DLAB 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	p.85
High speed Mini Centrifuge		D2012Plus	LCD	15000rpm 15100 × g)	12 × 0.2/0.5/1.5/2mL	p.87
High speed 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 Refrigerated 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 (2500 × 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	AC100–240V/50Hz/60Hz 20W
Noise Level	$\leq 45\text{dB}$
Dimension [D × W × H]	160x170x122mm
Weight	0.5kg
Certification	CE cTÜVus 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 door lock and over-speed detection
- Passed rigorous explosion-proof test, certified with CE, cTUVus, 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

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	Single-phase, AC100V–240V, 50Hz/60Hz, 3A100W
Noise level	≤54dB
Dimension[D × W × H]	255 × 245 × 140mm
Weight	6kg
Certification	EMC CE FCC ICES cTUVus CB
Other functions	Speed/RCF switch, Short-time run function, sound-alert function

Available rotors



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 figure 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°C to 40°C
- Short pre-cooling time of only 7minutes from room temperature to 4°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°C
- Rotor imbalance detection alarm
- Acceleration/ deceleration in 9 steps, 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 × g, step: 10 × g
Capacity	1.5/2mL × 24, 0.5mL × 36, PCR8 × 4, 5mL × 12, 5mL × 18.
Temperature setting	-20°C - 40°C
Run Time	30s-99 min; HOLD (continuous running)
Acceleration and deceleration time	25s ↑ 25s ↓
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	≤56dB
Dimensions[WxDxH]	332 × 553 × 283mm
Weight	30kg
Certification	CE cTÜVus FCC
Other functions	Rotation speed/RCF switchover, inching operation, running process indicator, sound alert. Acceleration/ deceleration in 9 steps, program storage capacity.

D3024

High Speed Micro Centrifuge



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.

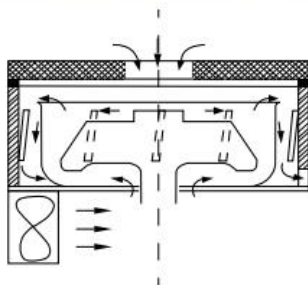


Brushless DC motor



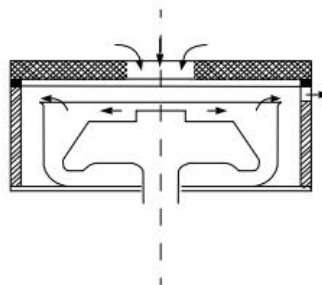
Wide range of rotors

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

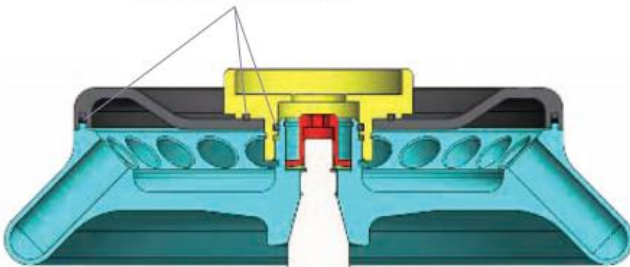


DLAB rotors are manufactured from military-industrial grade aluminum alloy with high mechanical strength for precise running and safety (excludes D2012 plus rotor)

- 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

DLAB 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	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

Bio-safe(Bio sealing): 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

Bio-safe(Bio sealing):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

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



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

Bio-safe(Bio sealing): 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

Bio-safe(Bio sealing): 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

DLAB hemocrit centrifuges are used for determination of erythrocyte fractions in blood as well as micro solution separations. It provides hemocrit 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	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	10kg	10kg
Certification	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



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.

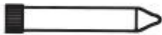
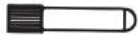




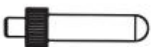

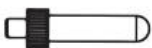



Specifications	DM0412
Speed Range	300-4500rpm, increment: 100rpm
Max. RCF	2490 × g
Speed accuracy	± 20rpm
Rotor type	A12-10P, A6-50P
Run Time	30sec-99min HOLD (Continuous operation)
Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis
Acceleration/Braking time	A12-10P: 20s ↑ 13s ↓ A6-50P: 20s ↑ 20 s /90 s ↓
Power	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	A6-50P (round bottom)	Cat. No.19100197
<p>for DM0412 & DM0424 & DM0408</p> <p>Max. speed: 4500rpm</p> <p>Max. RCF: 2490 × g</p> <p>Rotor capacity: 8x15mL, 12x10mL</p> <p>Rotor material: High strength plastic</p>		<p>For DM0412(A6-50P)</p> <p>Max. speed: 4000rpm</p> <p>Max. RCF: 1800 × g</p> <p>Rotor capacity: 50mL × 6 or 15mL × 6</p> <p>Rotor material: High strength plastic</p>	

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 10 × 12mL
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	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 cTUVus	CE cTUVus
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 adapters

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


A5P17
Cat. No.19500022

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


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

Max. Speed: 4000rpm
 Rotor capacity: 15mL × 8
 Rotor material: High strength plastic
 Default adaptor: A15P22


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	Single-phase, 100V–240V, 50Hz/60Hz, 70W
Dimension[WxDxH]	300X240X180mm
Weight	5.2kg
Certification	CE cTUVus
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	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 × g

Rotor material: stainless steel body
and adapter

	 19400045		 19400044			 19400043		 19400042			
bucket	x 4										
tube	x 36		x 16			x 8	x 4	x 4	x 4	x 8	x 20
Nominal volume	3-7mL		10mL	12mL	15mL	50mL	100mL	85mL	50mL	15mL	3-7mL
φ × L mm	13x75	13x100	16x100	17x105	17x120	29.5x100	38x108	38x104	29.5x100	17x120 13x100 13x75	13x100 13x75
tube											
adapter	with plug					 A50V	 A100P80		 A100P50  A50V	 A100P15	 A100P10
Package	36					8	4		4	8	4
Tubes per rotor	36	36	16	16	16	8	4	4	4	8	20
Radius(cm)	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**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 Bio-safe(Biosealing); Yes

