

DLAB



CENTRIFUGES



THERMAL CONTROL



MIXING & HEATING



DISTILLING



MISCELLANEOUS



LIQUID HANDLING



Company Profile

DLAB Scientific Co., Ltd, known as Dragon Lab - founded in 2002, is now one of the leading companies worldwide for high quality laboratory instruments and equipment for chemical, biological and clinical diagnostic labs.

All our products are designed and manufactured in accordance with ISO9001/13485 by our dedicated and experienced R&D Engineering team. Our quality control processes start from the metal processing all the way through to the final inspections of the end products and adhere to worldwide accepted quality standards.

With growing international presence and to create a new corporate identity, we have created a new brand "DLAB". Consequently, Dragon Laboratory Instruments changed to DLAB Scientific, the original manufacturer of bench top equipments. DLAB has subsidiaries in USA as DLAB Scientific Inc., in Europe as DLAB Scientific S.A.S and in India as DLAB Scientific Private Limited.

DLAB Scientific is committed to become a one-stop partner for distributors worldwide with a growing range of general laboratory instruments. Our products are characterized by reliability, high accuracy and have a highly competitive value along with skilled application and after-sales support.

Our brands include: DRAGONLAB™, DLAB™, DRAGONMED™, DRAGON™ and so on.

"DLAB, your accessible solution"



Contents



- Thermal Cyclers / 23
- Dry Bath / 26
- Thermo Mix / 30



- Electronic Pipette / 03
- Mechanical Pipettes / 05
- Pipette Fillers / 11
- Pipette Controllers & Pumps / 13
- Stepper / 14
- Electronic Titrator / 16
- Electronic Bottle-Top Dispenser / 17
- Bottle-Top Dispensers / 18
- Vacuum Aspiration System / 20



- Rotary Evaporator / 33
- Low Temperature Circulator / 39
- Vacuum Controller / 42



- Palm Micro Centrifuges / 68
- High Speed Micro-Centrifuges / 70
- Low-speed Centrifuges / 80



- Magnetic Hotplate Stirrers / 44
- Hotplates / 56
- Magnetic Stirrers / 57
- Overhead Stirrers / 61
- Homogenizers / 64



- Vortex Mixers / 93
- Microplate Mixers / 96
- Rotators / 97
- Rocking Rotators / 100
- Tube Rollers / 101
- Shakers / 102
- Spectrophotometers / 113
- GelSMART / 116
- Sterilizer / 118

DLAB products are manufactured in accordance with ISO9001 and ISO13485. All products comply with EU and North America standards, CE, cTUVus, FCC marked and subjected to the strict QC control.

DLAB instruments are tested and conform to the following safety and EMC standards:

EN 61010-1 UL 3101-1 CAN/CSA C22.2(1010-1)

EN 61010-2-10 EN 61326-1 EMC-guidelines: 89/336/EWG Instrument guidelines: 73/023/EWG

Centrifuges



D1008 Series Palm Micro Centrifuge

Features

- Ideal for microfiltration and quick spin-down application
- Easy to operate. Lid close, it begin to rotate
- Max up to 7000rpm
- Compatible with 2mLx8 and PCR8x4 rotors
- Quiet running, noise level $\leq 45\text{dB}$
- Quick-change rotor without any tool
- Accelerates and brakes in seconds
- Available in two colors i.e., green, blue
- Safe, durable and robust rotor with clamp locking design.



Quiet operation



Vibration free



CE  FC

Specifications

	D1008
Max. Speed	7000rpm
Max. RCF	2680xg
Rotor Capacity	0.2/0.5/1.5/2.0mLx8; 0.2mLx32 PCR strips or 0.2mLx4 PCR 8 strips
Run Time	Continuous operation
Driving Motor	DC motor
Power	AC100-240V/50Hz/60Hz 20W
Noise Level	$\leq 45\text{dB}$
Dimension [DxWxH]	160x170x122mm
Weight	0.5kg
Certification	CE cTUVus FCC MCA



Available rotors



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



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

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

High speed micro centrifuges are widely used in physical and chemical analysis, biochemistry, cellular and molecular biology, clinical Labs 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

Outstanding Feature

- Maintenance free and powerful driving brushless DC motor easily to reach the set speed
- Provide high accuracy speed control ± 20 rpm
- Timer starts only when the set speed is achieved, to provide an accurate separation time

Conforms to international safety standards and regulations

- DLAB centrifuges are certified with CE, cTÜVus and FCC from TUV. The centrifuge is in conformity with stand EN 61010-1, it has passed MCA test according to IEC/EN61010-2-20
- Quiet and reliable operation
- High strength metal casing ensures security during centrifugal process
- Dual door interlock design for max. operation safety
- Gentle braking at low speed provide 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 by pressing and holding PULSE key. The centrifuge speed can be accelerated and held at the target speed
- The lid will open automatically with prompt sound when the running finish
- Running Process display and error code prompt



D2012 Plus

High Speed Mini Centrifuge



Brushless DC motor



LCD display



CE FC

Specifications

D2012 plus

Max. Speed	15000rpm(500-15000rpm), increment: 100rpm
Max. RCF	15100xg, increment: 100xg
Speed Accuracy	±20rpm
Rotor Capacity	0.2mL/0.5mL/1.5mL/2mLx12
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, 3A 100W
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

Features

- Speed up to 15000rpm (15100xg)
- Brushless DC motor drive quickly to the target speed
- Quiet working, Low noise ≤54dB
- D2012 Plus is proven by IEC/EN 61010-1
- D2012 Plus passed the rigorous explosion-proof test according to IEC/EN 61010-2-20. It is certified with CE, cTUVus, FCC

Available rotors



Cat. No. 19400010

A12-2P

for D2012plus only

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



Cat. No. 19500001

A02P2

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

Cat. No. 19500002

A05P2

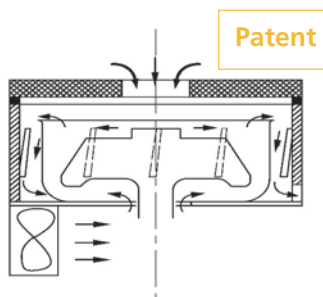
0.5mL rotor adapter
Used with A12-2,A12-2P, AS24-2 and A24-2P rotors
24 pcs/pk

D3024 High Speed Micro Centrifuge

Unique Features

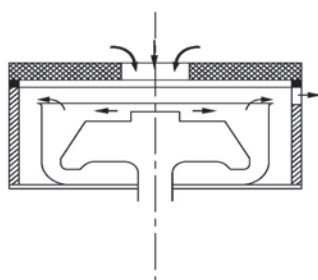
- Patent multi-flow air cooling design to provide air exchange to prevent chamber warming
- Three-layer seal ensure airtightness and biosafety
- High strength aluminum alloy rotor can be fully autoclaved for unlimited service life
- Four rotors are optional complete with 24 places 1.5/2.0mL tubes, bigger 5.0mL, smaller 0.2mL and 0.5mL tubes with adapters

Effective Ventilation System



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

Conventional design



Limiting ventilation on the upper side of the rotor



Brushless DC motor



Wide range of rotors





CE FC

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 cTÜVus FCC MCA
Other functions	Speed/RCF switch; Short-time run function; sound-alert function



D1524R High-speed Refrigerated Micro Centrifuge

Features

- Ergonomic electronic lock design, the centrifuge lid can be closed with single finger touch
- **Precooling, the compressor will automatically start cooling as long as the set temperature is lower than the ambient temperature.**
- Sound indicator to prompt that the upper cover is closed to maintain the temperature inside the chamber, after centrifugation.
- **Advanced R290 fluorine free refrigerant, low carbon and environmental protection.**
- **Temp range:-20°C- 40°C, fast and powerful cooling capacity, 7 minutes cooling from room temp to 4°C. Temp can kept at max speed.**
- Up to 9 program storage capacity according to experimental needs.
- **Three-layer sealed rotors ensure airtightness and biosafety.**
- High-strength aluminum alloy withstand numerous high temperature and high pressure sterilizations.
- 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 the centrifuge chamber.
- Rotor imbalance detection alarm.



Ergonomic electronic door lock design



Powerful cooling capacity compressor

Clear LCD large display

Intuitive operation control panel

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	DC brushless 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(mm)	332(Width) × 553(depth) × 283(height)
Weight	30kg
Other functions	Rotation speed/RCF switchover, inching operation, running process indicator, sound alert. Acceleration/ deceleration in 9 steps, program storage capacity.



Rotor Features

Fully autoclavable

High strength aluminum alloy rotors are fully autoclavable, withstanding steam sterilizing at 121°C for 20 minutes, with unlimited service life.

Three-layer seal

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.

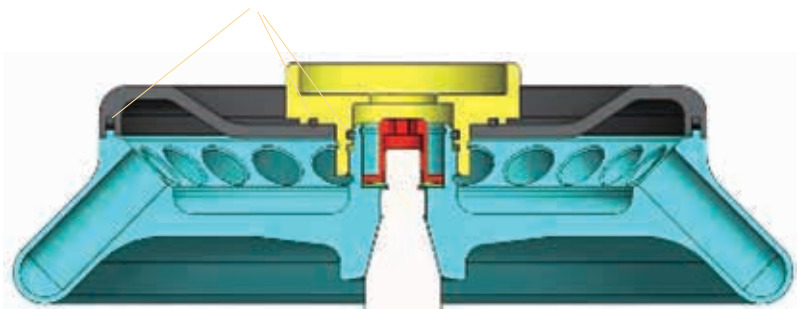
Mechanical safety

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

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 max. 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 and risk free centrifugal process
- **microbial contamination. D3024 & D3024R rotors have passed MCA test according to IEC/EN61010-2-20, including mechanical safety and bio-safety 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 to > 10°C and D2012 rotors less than 8°C after running an hour

Three rubber seals fitted to achieve bio-safe condition



Seals within the aluminum alloy rotor



Available rotors



Cat. No. 19400006

AS24-2
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



Cat. No. 19400032

AS12-V5
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



Cat. No. 19400007

AS36-05
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



Cat. No. 19400008

AS4-PCR8
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



Cat. No. 19400012

AS18-5
for D3024 & D1524R

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

Available adapters



Cat. No. 19500001

A02P2

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



Cat. No. 19500002

A05P2

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



Cat. No. 19500003

A02P05

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

Model	Rotor model	Capacity	Hole diameter(mm)	Hole depth (mm)	Max. tube length (mm)
D2012plus	A12-2P	2x12	11.2	39	47
	AS24-2	2x24	11.2	40.5	54.2
	AS36-05	0.5x36	8.2	29.3	36
D3024 D1524R	AS4-PCR8	0.2x32	6.5	20.4	36
	AS18-5	5x18	13.7	39	56.5
	AS12-V5	5x12	17.5	44	56.5

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 for the photometric determination of bilirubin content in neonate blood samples. Hematocrit centrifuge with A24-2P tube rotor, can be used for extraction of DNA and RNA.



CE FC



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:
- Hematocrit rotor: 24 capillary max. speed: 12000rpm
- Tube rotor: 1.5/2mL×24 max. speed: 14000rpm

DM1224 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

Specifications

	DM1424	DM1224
Speed Range	200-14000rpm, increment: 10rpm	500-12000rpm, increment: 100rpm
Max. RCF	18620×g	13680×g
Speed Accuracy	±20	±100
Rotor Capacity	2 type	1 type
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 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



Cat. No. 19400013

A24- 2P
DM1424

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



Cat. No. 19400047

AC24
DM1424 & DM1224

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

Available adapters



Cat. No. 19500001

A02P2

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



Cat. No. 19500002

A05P2

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



Cat. No. 19500003

A02P05

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



DLAB Low-speed centrifuges are widely used for the separation of serum, plasma, urine, blood samples and other routine practices in hospital and research laboratories.

Conforms to international safety standards and regulations

- DLAB Low-speed centrifuges are marked with CE, cTUVus and FCC, and passed 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 working
- Dual protection housing particularly benefit 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 running
- Gentle braking at low speed for 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



D LAB DM0412 & DM0412S Low-speed centrifuges support small volumes applications . The centrifuges are supplied with an built-in angle rotor that can hold up to 50mLx6 & 15mLx6 (A6-50P),15mLx8, or 10mL/7mL/5mLx12 (A12-10P) vacuum tubes. They are widely used in medical and veterinary practices for the separation of blood and urine samples or for water and soil samples for. These centrifuges are also used 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 motor
- Quick spin function with press and hold pulse key
- Lid with electric lock and automatic release function saves processing time
- Automatic self-diagnosis on startup showing accumulative running time and last running parameters
- Braking time 2 steps adjustable(for A6-50P rotor)



DM0412S Economical Low-speed Centrifuge

Features

- speed range of 300-4500rpm
- Individual control of speed and time
- Faster acceleration and deceleration
- Perfectly suitable for 15mL centrifuge tubes and a full line of Vacuum 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 type	A12-10P, A6-50P	A12-10P
Run Time	30sec-99min HOLD(Continuous operation)	1-99min 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	A12-10P: 20s ↑ 13s ↓ A6-50P: 20s ↑ 20 s /90 s ↓	23s ↑ 23s ↓
Power	Single-phase, 100V-240V,50Hz/60Hz, 3A 70W	Single-phase,200V-240V,50Hz/60Hz, 3A;100V-120V,50Hz/60Hz, 3A 70W
Dimension[WxDxH]	354×304×215mm	354×304×218mm
Weight	6kg	6kg
Certification	CE, cTUVus, IVD	-
Advanced features	Speed/RCF switch;Short-time run function; sound-alert function	sound-alert function



Available rotors



Cat. No. 19200348

A12-10P (round bottom)

for DM0412 & DM0412s & DM0424 & DM0408

Max. speed: 4500rpm
 Max. RCF: 2490×g
 Rotor capacity: 8x15mL, 12x10mL
 Rotor material: High strength plastic













Cat. No. 19100197

A6-50P (round bottom)

For DM0412(A6-50P)

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 (ΦLxmm)	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		4500	11	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.

DM0412P centrifuge

DLAB DM0412P centrifuge is supplied with an angle rotor that can hold up to 15mLx8 or 10mL/7mL/5mLx12 (A12-10P) vacuum tubes. It is ideal for sample preparation in constimatology and dental field, like orthopedic, aesthetic surgery, oral surgery, etc.



Features

- Max. speed 4500rpm;
- Rotor speed can be set in RPM/RCF;
- 3 preloaded programs for fast operation;
- 9 programs for customization can be stored in memory;
- Powerful CPU for easy operation of speed, time and all other parameters;
- Easy-to-read processing display and sound alert;
- Automatic lid-lock release after running;
- Conforms to international safety standards and regulations marked with CE, cTUVus and FCC, and passed the explosion-proof test / MCA test according to IEC/EN61010-2-20;
- Passed EN61010-2-101: 2 0 0 2 particular requirements for In-Vitro diagnostic (IVD) medical equipment;
- Maintenance-free brushless DC motor.



Specifications

	DM0412P
Speed Range	300-4500rpm, increment:10rpm
Max. RCF	2490xg, increment: 10g
Speed accuracy	±10rpm
Rotor capacity	8x15ml,12x10mL/7mL/5mL
Run Time	30sec-99min
Motor	Brushless DC motor
Display	LCD
Preloaded Program	PRP:3480rpm, 5mins, PRF:2690rpm, 7mins, CGF: Step1 2700rpm 2mins, Step2 2400rpm 4mins Step3 2700rpm 4mins, Step4 3000rpm 3mins,
Custom Programs Memory	9 programs (6 steps for each program)
Safety Devices	Door interlock, Overspeed detector, Automatic internal diagnosis
Noise	≤56dB
Power	Single-phase, 100V-240V,50Hz/60Hz, 3A,70W
Dimension[WxDxH]	301X354X217mm
Weight	6kg
Certification	CE, cTUVus, IVD
Advanced features	Speed/RCF switch; sound-alert function

Holes Number	Rotor Diameter (mm)	Hole diameter (mm)	Hole Depth (mm)	Max. tube height(mm)
12	229	18.6	83.4	130

Rotor(A12-10P)&Adapters:



DLAB DM0506 low-speed centrifuge, supplied with built in fixed angle rotor A6-15P which can hold up to 15mL/10mL/7mL/5mLx6 tubes. It is widely used for blood or urine separation in medical routine practice in hospitals, clinics or research institutes.

DM0506 Low-speed Centrifuge



Features

- Speed range from 300-5000rpm;
- Rotor speed can be set and displayed by RPM or G-force;
- Defined program by knob will be stored and activated when power on;
- Two programs P1/P2, easy to start the procedure by one key;
- Two deceleration speeds setting to meet different requirements;
- Easy-to-read processing display and sound alert;
- Automatic lid-lock release after running;
- Maintenance-free brushless DC motor.



Specifications

DM0506

Speed Range	300-5000rpm, increment:10rpm
Max. RCF	2350xg, increment: 10g
Speed accuracy	±20rpm
Rotor capacity	6x15mL/10mL/7mL/1.5-5ml
Run Time	30sec-99min, HD(continuous running)
Display	LCD
Programs Memory	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

Advanced features

Speed/RCF switch; sound-alert function

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

DLAB low speed clinical centrifuges are 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.

DM0424 Low Speed Centrifuge

Features

- Max. speed 4000rpm.
- Rotor speed can be set in RPM/RCF, with 3 programs storage capacity for routine applications.
- Max. capacity 50ml×4, Accomo dating 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.



DM0408 Clinical Centrifuge

Features

- Speed range of 300-4000rpm.
- 3 programs storage capacity for routine applications.
- Automatic internal diagnosis.
- Maintenance free brushless DC motor.



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 10ml×12
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
Noise	≤62dB(A)	≤60dB(A)

Available rotors



S6-15 Cat. No.1940082 for DM0424

Max. speed: 4000rpm
Rotor capacity: 15ml×6
Rotor material: Aluminum alloy
Default adaptor: A15P22, A5P17



S4-50 Cat. No.19400100 for DM0424

Max. Speed: 4000rpm
Rotor capacity: 50ml×4
Rotor material: Aluminum alloy
Default adaptor: A15P30, A5P17



A24-15P Cat. No.19400101 for DM0424

Max. speed: 4000rpm
Rotor capacity: 15ml×24
Rotor material: High strength plastic
Default adaptor: A15P22, A5P17



A8-15P Cat. No.1940084 for DM0424/DM0408

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



A12-10P Cat. No.19200348 for DM0424/DM0408 DM0412/DM0412S

Cat.No. 19200348
Rotor capacity: 15ml×8,10ml×12
Rotor material: High strength plastic

Available adapters



A15P30 Cat. No.19500024

50ml change 15ml adapter,
Adapted to 17×120mm centrifuge
tube, 13/16×100mm blood
collection tube 4pcs/pk,
for S4-50



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



A2P17 Cat. No.19500023 (Optional)

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

Centrifuge Model	Rotor	Capacity	Hole Diameter (mm)	Hole Depth (mm)	Max. Tube Height (mm)	Max. Speed (rpm)
DM0424	S6-15	15mlx6	22	97.7	120.6	4000
	S4-50	50mlx4	29.4	87.8	125	4000
	A24-15P	15mlx24	22	97.7	120.6	4000
DM0424&DM0408	A8-15P	15mlx8	22.6	90.8	120.3	4000
	A12-10P	15mlx8/10mlx12	18.6	83.4	123	4000



DLAB DM0636 Multi-Purpose Low-speed 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 100mL at low speed.

DM0636 Multi-Purpose Low-speed Centrifuge

Features

- Speed can be set from 300- 6000rpm
- Maximum capacity of the centrifuge: 100 mLx4
- 9 Acceleration/10 Brake speed settings to ensure optimal separation
- A wide range of rotors optional(fixed angle and swing-out bucket rotors)
- Automatic rotor identification
- Timers can be set up to 99 min or HD for continuous running
- Pulse Key for quick spin function
- 9 procedures stored in memory makes the operation much simplified
- Maintenance-free brushless DC motors



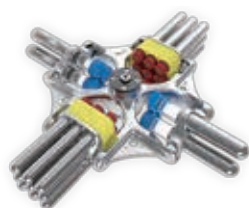
Specifications

	DM0636
Speed range	300-6000rpm increment:10rpm
Max. RCF	4020xg
Speed accuracy	±20rpm
Max. Capacity	100mLx4
Run Time	30sec-99mins/continuous
Motor	Brushless DC
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
Dimension[WxDxH]	445x579x269mm
Weight	36kg
Certification	CE
Advanced features	speed/rcf switch; Rotor identification



Uncapping block

for S4-100 rotor



SE4-100(Standard accessory) for DM0636

Cat. No. 19400041

Max. speed: 4000rpm
Max. RCF: 2950×g
Rotor material: stainless steel body and adapter



A15V

Cat. No. 19500025

15ml conical tube adapter, MOQ 8 Pcs (optional)



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	13×75	13×100	16×100	17×105	17×120	29.5×100	38×108	38×104	29.5×100	17×120 13×100 13×75	13×100 13×75
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



Cat. No. 19400062

S2-MP

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 and aluminum buckets



Cat. No. 19400036

AS12-PCR8

DM0636

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



Cat. No. 19400034

AS30-2

DM0636

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



Cat. No. 19400037

AS60-2

DM0636

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

Available rotors



Cat. No. 19400038

AS6-50V (cone bottom) DM0636

Max. speed: 6000rpm
Max. RCF: 4020×g
Rotor capacity: 50mLx6 or 15mLx6
Rotor material: aluminum
Biosealing: Yes



Cat. No. 19400035

AS18-5V (cone bottom) DM0636

Max. speed: 6000rpm
Max. RCF: 4020×g
Rotor capacity: 5mLx18
Rotor material: stainless steel body and aluminum buckets
Biosealing: Yes



Cat. No. 19400039

A8-50 (round bottom) DM0636

Max. speed: 5000rpm
Max. RCF: 3960×g
Rotor capacity: 50mLx8 or 15mLx16
Rotor material: aluminum body and stainless steel adapter
Default adapters: SE100P31x8,SE100P17x6



Cat. No. 19400040

A30-15 (round bottom) DM0636

Max. speed: 4500rpm
Max. RCF: 3210×g
Rotor capacity: 15mLx30
Rotor material: aluminum body and stainless steel adapter
Bio-safe(Biosealing): Yes
Default adapters: SE100P17x30

Rotor	Capacity	Hole Diameter (mm)	Hole Depth (mm)	Max. Tube Height (mm)	Max. Speed (rpm)
AS30-2	2mlx30	11.2	39	43	6000
AS60-2	2mlx60	11.2	39	43	6000
AS6-50V	50mlx6	31	87.8	118	6000
AS18-5V	5mlx18	17.5	51	56	6000
A8-50	50mlx8 15mlx16	35 17.5	85.8 98	118 123	5000
A30-15	15mlx30	17.5	98	123	4500
S2-MP	Micro platex8/ Deep well platex4	-	-	-	4000



DLAB Scientific Inc.

Add: 775 Rivera St, Riverside, CA 92501, USA

Tel: +1- 424- 248-3580

Fax: +1-909-230-5275

E-mail: info@dlabsci.com

Service contact: service@dlabsci.com

web: www.dlabsci.com