

01-800X

Palm Micro Centrifuge

Features

- Fixed speed: 7000 rpm.
- Quick acceleration and deceleration.
- Rotors for microcentrifuge tubes, PCR tubes, and PCR 8-strip tubes included.
- Easily change rotors without tools.
- Quiet, low-noise design.



Quiet operation



Vibration free



CE FC



Specifications

Catalogue No.	01-800X
Max. speed [rpm]	7000
Max. RCF	2680 x 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
Power	AC100-240V/50Hz/60Hz 20W
Noise level [dB]	≤45
Dimensions [D × W × H, mm]	160x170x122
Weight [kg]	0.5

Available rotors



01-8091

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



01-8092

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



01-8093

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



01-8094

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

01-821X

High Speed Mini Centrifuge



Brushless DC motor



LCD display



CE FC

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

Available rotors



01-8291

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



01-8293

0.2mL rotor adapter

Used with A12-2, A12-2P, AS24-2 and A24-2P rotors 24 pcs/pk

01-8294

0.5mL rotor adapter

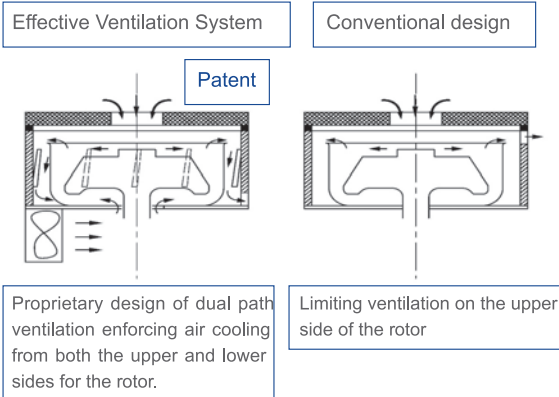
Used with A12-2,A12-2P, AS24-2 and A24-2P rotors 24 pcs/pk

01-830X

High Speed Micro Centrifuge

Unique Features

- Patent multi-flow air cooling design to provide air exchange to prevent chamber warming
- Three-layer seal ensures 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



Brushless DC motor



Wide range of rotors



Specifications

01-830X

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

01-832X

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 be 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.



Specifications

	01-832X
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.



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
- 01-832X with three-layer sealed rotors/ anti- sample overflow prevents accidental leakage and risk free centrifugal process
- microbial contamination. 01-831X 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 (01-821X rotor not included)
- Powerful cooling system minimizes rotor heating.

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

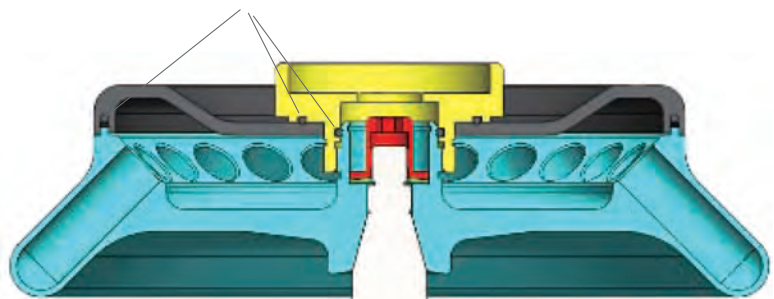
Aspired to be the top-of-the-line model, 01-831X rotors are designed to prevent sample leakage. Each and every rotor is hermetically sealed by three rubber seals.

Mechanical safety

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.

Seals within the aluminum alloy rotor

Three rubber seals fitted to achieve bio-safe condition



Available rotors



01-8393

for 01-832X

Max. speed:15000rpm
 Max. RCF21380×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:01-8293,01-8294



01-8392

for 01-832X

Max. speed:15000rpm
 Max. RCF21380×g
 Rotor capacity:5mL×12(Cone bottom)
 Rotor material:Aluminum alloy
 Bio-safe(Bio sealing): Yes



01-8394

for 01-832X

Max. speed:15000rpm
 Max. RCF21380×g
 Rotor capacity:0.5mL×36,0.2mL×36
 Rotor material:Aluminum alloy
 Bio-safe(Bio sealing): Yes
 Available rotor adapters:01-8396



01-8395

for 01-832X

Max. speed:15000rpm
 Max. RCF21380×g
 Rotor capacity0.2mL/PCR8×4
 Rotor material:Aluminum alloy
 Bio-safe(Bio sealing): Yes



01-8391

for 01-832X

Max. speed 15000rpm
 Max. RCF21380×g
 Rotor capacity5mL×18 (Round bottom)
 Rotor materialAluminum alloy
 Bio-safe(Bio sealing):Yes

Available adapters



01-8293

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



01-8294

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



01-8396

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	01-8291	2×12	11.2	39	47
	01-8393	2×24	11.2	40.5	54.2
D3024 D1524R	01-8394	0.5×36	8.2	29.3	36
	01-8395	0.2×32	6.5	20.4	36
	01-8391	5×18	13.7	39	56.5
	01-8392	5×12	17.5	44	56.5

01-880X Low-speed Centrifuge

Biologix 01-880X low-speed centrifuge, supplied with built in fixed angle rotor A6-15P which can hold up to 15mL/10mL/7mL/5mL×6 tubes. It is widely used for blood or urine separation in medical routine practice in hospitals, clinics or research institutes.

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

Catalogue No.	01-880X
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



Cat. No. 01-8698

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



Cat. No. 01-8699

1.5/2ml Cryogenic Vials/ centrifuge tubes adapter

