

Centrifuge



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Low speed multipurpose centrifuge with medium capacity

AT-320C

AT-320C centrifuge is widely used in clinical center, medical college, agricultural science, cytology research laboratories, etc. It's ideal for separation and centrifugation of samples in clinical chemistry, bioscience, blood bank, etc



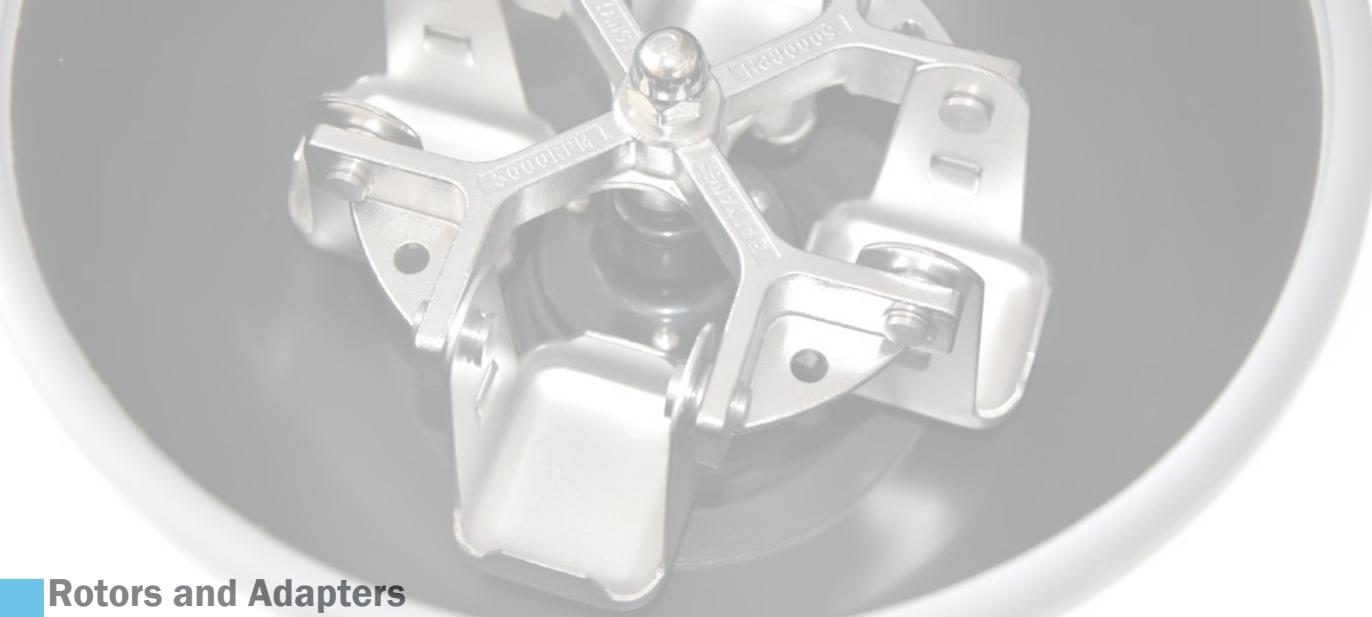
Features

- > Robust metal cabinet, Stress-free lid locking (auto-adsorption lid lock)
- > Automatic stop protector for lid open
- > AC variable frequency motor, soft brake function for optimized separation
- > RPM/RCF display
- > MCU control and LCD display
- > Automatic lid opening at the end of the run



Specifications

Max. speed	5000r/min	Deceleration	0-15 rates
Deviation	±2.5%	Noise	≤65dB
Max. RCF	4470×g	Voltage	AC220V; 50Hz/60Hz
Max. Capacity	50ml×8	Power	0.75kw
Run time setting	1-99min	Dimensions	51×41×35cm
Acceleration	1-15 rates	Weight	53kg



Rotors and Adapters

Description	Capacity	Φ×mm	Max. RPM	Max. RCF	Centrifugal radius(cm)
Swing-bucket rotor	-	-	5000	4470	16
Blood tube adapter	Blood tubes×40	14×61.8	-	-	-
10ml adapter	10ml tubes×32	16×65.3	-	-	-
15ml adapter	15ml tubes×24	18×83.6	-	-	-
50ml adapter	50ml tubes×8	29.8×84.8	-	-	-
Swing-out rotor for ELISA plate	96 ELISA plate×2	-	4000	2100	11.7
0.5ml adapter	0.5ml tubes×60	8×26	-	-	-
0.2ml adapter	0.2ml 8 PCR strips×12	6×17	-	-	-



Swing-bucket rotor



Swing-out rotor for ELISA plate



Swing-out rotor for ELISA plate

Max. RPM: 4000r/min

Max. RCF: 2100×g

Max. Capacity: 96 ELISA plate×2

Centrifugal radius: 11.7cm

Low speed multipurpose centrifuge with medium capacity

AT-400C

AT-400C centrifuge is widely used in clinical center, medical college, agricultural science, cytology research laboratories, etc. It's ideal for separation and centrifugation of samples in clinical chemistry, bioscience, blood bank, etc



Features

- Robust metal cabinet, Stress-free lid locking (auto-adsorption lid lock)
- Automatic stop protector for lid open
- AC variable frequency motor, soft brake function for optimized separation
- RPM/RCF display
- MCU control and LCD display
- Automatic lid opening at the end of the run



Specifications

Max. speed	4000r/min	Deceleration	0-15 rates
Deviation	±2.5%	Noise	≤70dB
Max. RCF	2860×g	Voltage	AC220V; 50Hz/60Hz
Max. Capacity	50ml×8	Power	0.75kw
Run time setting	1-99min	Dimensions	51×41×35cm
Acceleration	1-15 rates	Weight	43kg



Rotors and Adapters

Description	Capacity	Φ×mm	Max. RPM	Max. RCF	Centrifugal radius
Swing-bucket rotor	-	-	4000	2860	16
10ml adapter	10ml tubes×32	16×65.3	-	-	-
15ml adapter	15ml tubes×24	18×83.6	-	-	-
50ml adapter	50ml tubes×8	29.8×84.8	-	-	-
Swing-out rotor for ELISA plate	96 ELISA plate×2	-	4000	2100	11.7
0.5ml adapter	0.5ml tubes×60	8×26	-	-	-
0.2ml adapter	0.2ml 8 PCR strips	6×17	-	-	-



Swing-bucket rotor



10ml×32
Φ16×104mm



15ml×24
Φ16×115mm



50ml×8
Φ28×105mm

Swing-out rotor for ELISA plate



Swing-out rotor for ELISA plate
Max. RPM: 4000r/min
Max. RCF: 2100×g
Max. Capacity: 96 ELISA plate×2
Centrifugal radius: 11.7cm

High speed multipurpose refrigerated centrifuge with medium capacity

AT-16R

AT-16R is widely used in the fields of cell therapy, molecular biology clinical immunology, etc. It's ideal for nucleic acid extraction DNA/RNA isolation



Features

- Metal cabinet, stainless steel rotor chamber, steel protective cover
- Lid with E-lock, when rotor stop, we can set the lid auto/manual open
- MCU control, HD-LCD touch screen
- Automatic stop protector for over speed, imbalance and lid open
- AC variable frequency motor with sensor for monitoring speed
- Timer mode is settable, this function can start the timer when the selected rotational speed is reached for reproducible centrifugation runs
- 10 acceleration/deceleration modes are for different sample requirements
- Soft brake function for slow acceleration and braking
- Optimized for separation by gradient centrifugation(5 rates for option)
- Running data can be download by USB port (optional)
- User can lock and open lid by password, keep the samples safety
- Environment friendly Non-CFC refrigeration
- Precooling before centrifugal running and defrosting with lid open, compressor overheating protection
- Parameter can be changed during running process





Specifications

Model	AT-16R
Max. speed	Angle rotor: 16000r/min; swing-out rotor: 5000r/min
Deviation	±1%
Max. RCF	Angle rotor: 25000 x g ; swing-out rotor: 4470 x g
Max. Capacity	Angle rotor: 100ml tubes×4; swing-out rotor: 250ml tubes×4
Run time setting	1-99h59min59s
Timer Mode	Started from running/setting speed
Lid open	Manual/Automatic
Display	4.3' HD-LCD touch screen
Data download	USB port(optional)
Acceleration/deceleration	0-9 rates
Temperature range	-20°C ~+40°C (±2°C)
Precooling	Yes
Noise	≤56dB
Power	1500w
Dimensions	61×62×39cm
Weight	85kg

Angle rotors

		
Max. RPM	16000r/min	15000r/min
Max. RCF	16900×g	21380×g
Capacity	2ml×12	2ml×24
Centrifugal radius	5.9cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×12	0.5/1.5ml×24

		
Max. RPM	15000r/min	15000r/min
Max. RCF	25000×g	21380×g
Capacity	2ml×30	2ml×48
Centrifugal radius	9.95cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×30	0.5/1.5ml×48

		
Max. RPM	13000r/min	12000r/min
Max. RCF	15100×g	14000×g
Capacity	5ml×12	10ml×12
Centrifugal radius	7.9cm	8.7cm
Tube	Φ13×53mm	Φ16×109mm
Adapter	0.5/1.5ml×12	-

		
Max. RPM	12000r/min	12000r/min
Max. RCF	14650×g	15800×g
Capacity	15ml×8	50ml×6
Centrifugal radius	9.1cm	9.8cm
Tube	Φ16×120mm-conical	Φ28×105mm
Adapter	15ml round tube adapters×8	50ml conical tube adapters×6

		
Max. RPM	12000r/min	8000r/min
Max. RCF	15800×g	7000×g
Capacity	50ml×6	100ml×4
Centrifugal radius	9.8cm	9.8cm
Tube	Φ28×118mm-conical	Φ38×119mm
Adapter	1、15ml×6。2、50ml round tube adapters×6	-

High speed multipurpose refrigerated centrifuge with medium capacity

AT-18R

AT-18R is widely used in the fields of cell therapy, molecular biology clinical immunology, etc. It's ideal for nucleic acid extraction DNA/RNA isolation



Features

- Metal cabinet, stainless steel rotor chamber, steel protective cover
- Lid with E-lock, when rotor stop, we can set the lid auto/manual open
- MCU control, HD-LCD touch screen
- Automatic stop protector for over speed, imbalance and lid open
- AC variable frequency motor with sensor for monitoring speed
- Timer mode is settable, this function can start the timer when the selected rotational speed is reached for reproducible centrifugation runs
- 10 acceleration/deceleration modes are for different sample requirements
- Soft brake function for slow acceleration and braking
- Optimized for separation by gradient centrifugation(5 rates for option)
- User can lock and open lid by password, keep the samples safety
- Environment friendly Non-CFC refrigeration
- Precooling before centrifugal running and defrosting with lid open, compressor overheating protection
- Parameter can be changed during running process





Specifications

Model	AT-18R
Max. speed	18000r/min
Deviation	±1%
Max. RCF	18620 x g
Max. Capacity	0.5ml/1.5ml/2ml×48
Run time setting	1-99h59min59s
Timer Mode	Started from running/setting speed
Lid open	Manual/Automatic
Display	4.3' HD-LCD touch screen
Acceleration/deceleration	0-9 rates
Temperature range	-20°C ~+40°C (±2°C)
Precooling	Yes
Defrost	Yes
Noise	≤68dB
Power	1000w
Dimensions	60×38×30cm
Weight	48kg

Angle rotors

		
Max. RPM	18000r/min	15000r/min
Max. RCF	21370×g	21380×g
Capacity	2ml×12	2ml×24
Centrifugal radius	5.9cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×12	0.5/1.5ml×24

Aerosol-tight		
Max. RPM	14000r/min	14000r/min
Max. RCF	21800×g	18620×g
Capacity	2ml×30	2ml×48
Centrifugal radius	9.95cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×30	0.5/1.5ml×48

		
Max. RPM	14000r/min	14000r/min
Max. RCF	21800×g	18620×g
Capacity	2ml×30	2ml×48
Centrifugal radius	9.95cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×30	0.5/1.5ml×48

		
Max. RPM	13000r/min	14000r/min
Max. RCF	15100×g	14209×g
Capacity	5ml×12	0.2ml 8 PCR strips×4
Centrifugal radius	7.9cm	8.3cm
Tube	Φ13×53mm	-
Adapter	0.5/1.5ml×12	-

Features of rotor:

- High strength properties of aluminum alloy
- Autoclavable
- Improved aerodynamics, the rotors are designed to reduce drag, enabling higher top speed performance and low noise levels.

High speed multipurpose centrifuge with medium capacity

AT-18

AT-18 is widely used in the fields of cell therapy, molecular biology clinical immunology, etc. It's ideal for nucleic acid extraction DNA/RNA isolation



Features

- Metal cabinet, stainless steel rotor chamber, steel protective cover
- Lid with E-lock, when rotor stop, we can set the lid auto/manual open
- MCU control, LED display
- Automatic stop protector for over speed, imbalance and lid open
- AC variable frequency motor with sensor for monitoring speed
- Timer mode is settable, this function can start the timer when the selected rotational speed is reached for reproducible centrifugation runs
- 10 acceleration/deceleration modes are for different sample requirements
- Soft brake function for slow acceleration and braking
- Parameter can be changed during running process





Specifications

Model	AT-18
Max. speed	18000r/min
Deviation	±1%
Max. RCF	21800 × g
Max. Capacity	0.5ml/1.5ml/2ml×48
Run time setting	1-99h59min59s
Timer Mode	Started from running/setting speed
Lid open	Manual/Automatic
Display	LED
Acceleration/deceleration	0-9 rates
Noise	≤68dB
Power	750w
Dimensions	49×36×34cm
Weight	35kg

Angle rotors

		
Max. RPM	18000r/min	14000r/min
Max. RCF	21370×g	14000×g
Capacity	2ml×12	2ml×24
Centrifugal radius	5.9cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×12	0.5/1.5ml×24

Aerosol-tight		
Max. RPM	14000r/min	14000r/min
Max. RCF	21800×g	18620×g
Capacity	2ml×30	2ml×48
Centrifugal radius	9.95cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×30	0.5/1.5ml×48

		
Max. RPM	14000r/min	14000r/min
Max. RCF	21800×g	18620×g
Capacity	2ml×30	2ml×48
Centrifugal radius	9.95cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×30	0.5/1.5ml×48

		
Max. RPM	13000r/min	14000r/min
Max. RCF	15100×g	14209×g
Capacity	5ml×12	0.2ml 8 PCR strips×4
Centrifugal radius	7.9cm	8.3cm
Tube	Φ13×53mm	-
Adapter	0.5/1.5ml×12	-

Features of rotor:

- High strength properties of aluminum alloy
- Autoclavable
- Improved aerodynamics, the rotors are designed to reduce drag, enabling higher top speed performance and low noise levels.

Low speed multipurpose centrifuge with high capacity

AT-750/750R

AT-750/750R is widely used in the fields of clinical medicine, biopharmaceutical, biochemistry, genomics, etc. It's ideal for separation and purification of blood samples in large quantities.



Features

- > Metal cabinet, stainless steel rotor chamber, steel protective cover
- > Auto-adsorption lid lock, auto/manual can be set
- > MCB control, HD-LCD touch screen
- > Automatic stop protector for over speed, imbalance and lid open
- > AC variable frequency motor with sensor for monitoring speed
- > Timer mode is settable, this function can start the timer when the selected rotational speed is reached for reproducible centrifugation runs
- > 10 acceleration/deceleration modes are for different sample requirements
- > Soft brake function for slow acceleration and braking
- > Optimized for separation by gradient centrifugation(5 rates for option)
- > Running data can be download by USB port (optional)
- > User can lock and open lid by password, keep the samples safety
- > Parameter can be changed during running process

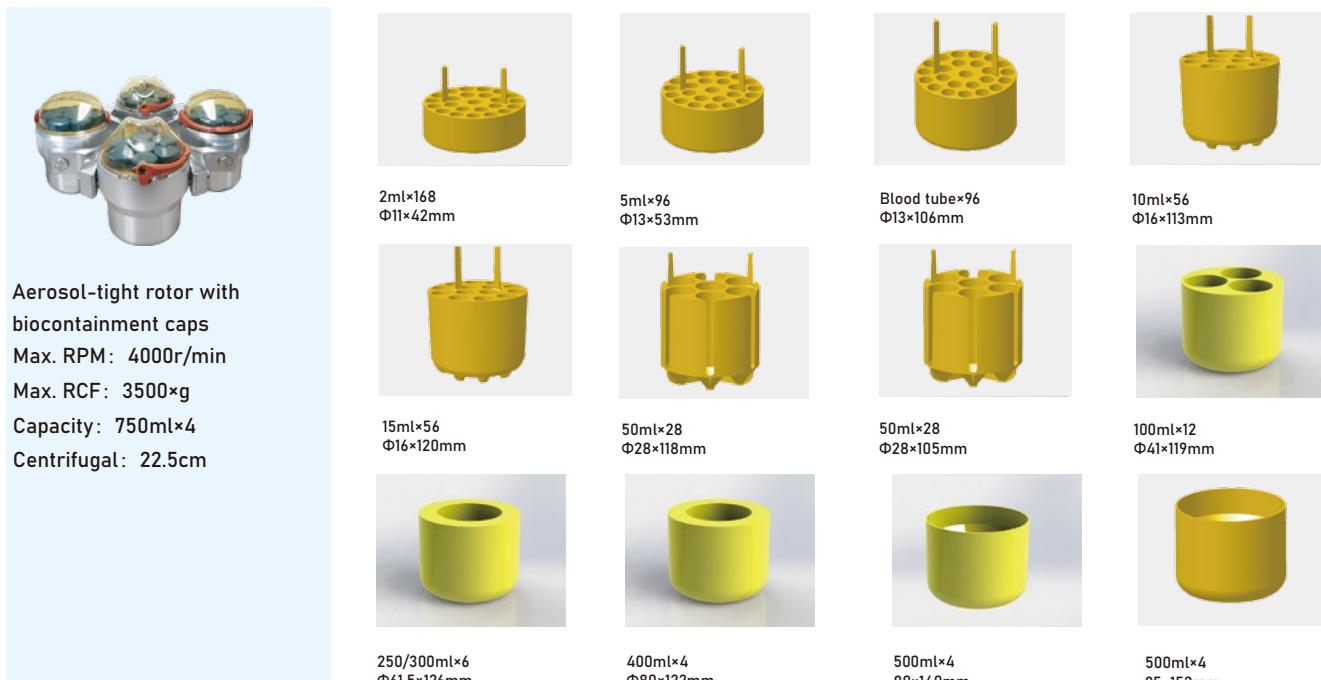




Specifications

Model	AT-750	AT-750R
Max. speed	4000r/min	
Deviation	±2.5%	
Max. RCF	3500 x g	
Max. Capacity	swing-out rotor: 750ml×4	
Run time setting	1-99h59min59s	
Timer Mode	Started from running/setting speed	
Lid open	Manual/Automatic/Password	
Display	7' HD-LCD touch screen	
Data download	USB port(optional)	
Acceleration/deceleration	0-9 rates	
Data query and export function	Yes	
Noise	≤68dB	≤65dB
Power	2500w	
Dimensions	71×60×42cm	71×78×42cm
Weight	85kg	145kg

750mlswing-buckets rotor/adapters



500mlswing-buckets rotor/adapters



Swing-out rotor for ELISA plate



High speed multipurpose centrifuge with high through-put

AT-1650

AT-1650 is widely used in the fields of clinical medicine, biopharmaceutical, biochemistry, genomics, etc. It's ideal for separation and purification of blood samples in large quantities.



Features

- Metal cabinet, stainless steel rotor chamber, steel protective cover
- Auto-adsorption lid lock, auto/manual can be set
- MCB control, HD-LCD touch screen
- Automatic stop protector for over speed, imbalance and lid open
- AC variable frequency motor with sensor for monitoring speed
- Timer mode is settable, this function can start the timer when the selected rotational speed is reached for reproducible centrifugation runs
- 10 acceleration/deceleration modes are for different sample requirements
- Soft brake function for slow acceleration and braking
- Optimized for separation by gradient centrifugation(5 rates for option)
- Running data can be download by USB port (optional)
- User can lock and open lid by password, keep the samples safety
- Parameter can be changed during running process





Specifications

Model	AT-1650
Max. speed	Angle rotor: 16500r/min; swing-out rotor: 4000r/min
Deviation	±1%
Max. RCF	25000 x g
Max. Capacity	Angle rotor: 100ml×4; swing-out rotor: 750ml×4
Run time setting	1-99h59min59s
Timer Mode	Started from running/setting speed
Lid open	Manual/Automatic/Password
Display	7' HD-LCD touch screen
Data download	USB port(optional)
Acceleration/deceleration	0-9 rates
Data query and export function	Yes
Noise	≤ 68dB
Power	2500w
Dimensions	71×60×42cm
Weight	85kg

High speed multipurpose refrigerated centrifuge with high through-put

AT-1650R

AT-1650R is widely used in the fields of clinical medicine, biopharmaceutical, biochemistry, genomics, etc. It's ideal for separation and purification of blood samples in large quantities.



Features

- Metal cabinet, stainless steel rotor chamber, steel protective cover
- Auto-adsorption lid lock, auto/manual can be set
- MCB control, HD-LCD touch screen
- Automatic stop protector for over speed, imbalance and lid open
- AC variable frequency motor with sensor for monitoring speed
- Timer mode is settable, this function can start the timer when the selected rotational speed is reached for reproducible centrifugation runs
- 10 acceleration/deceleration modes are for different sample requirements
- Soft brake function for slow acceleration and braking
- Optimized for separation by gradient centrifugation(5 rates for option)
- Running data can be download by USB port (optional)
- User can lock and open lid by password, keep the samples safety
- Environment friendly Non-CFC refrigeration
- Precooling before centrifugal running and defrosting with lid open, compressor overheating protection
- Parameter can be changed during running process





Specifications

Model	AT-1650R
Max. speed	Angle rotor: 16500r/min; swing-out rotor: 4000r/min
Deviation	±1%
Max. RCF	25000 x g
Max. Capacity	Angle rotor: 100ml×4; swing-out rotor: 750ml×4
Run time setting	1-99h59min59s
Timer Mode	Started from running/setting speed
Lid open	Manual/Automatic/Password
Display	7' HD-LCD touch screen
Data download	USB port(optional)
Acceleration/deceleration	0-9 rates
Temperature range	-20°C ~+40°C
Precooling	Yes
Noise	≤65dB
Power	2500w
Dimensions	71×78×42cm
Weight	145kg

Angle rotors

		
Max. RPM	16500r/min	15000r/min
Max. RCF	17960×g	21380×g
Capacity	2ml×12	2ml×24
Centrifugal radius	5.9cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×12	0.5/1.5ml×24

		
Max. RPM	15000r/min	15000r/min
Max. RCF	25000×g	21380×g
Capacity	2ml×30	2ml×48
Centrifugal radius	9.95cm	8.5cm
Tube	Φ11×42mm	Φ11×42mm
Adapter	0.5/1.5ml×30	0.5/1.5ml×48

		
Max. RPM	13000r/min	12000r/min
Max. RCF	15100×g	14000×g
Capacity	5ml×12	10ml×12
Centrifugal radius	7.9cm	8.7cm
Tube	Φ13×53mm	Φ16×109mm
Adapter	0.5/1.5ml×12	-

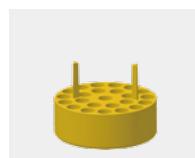
		
Max. RPM	12000r/min	12000r/min
Max. RCF	14650×g	15800×g
Capacity	15ml×8	50ml×6
Centrifugal radius	9.1cm	9.8cm
Tube	Φ16×120mm-conical	Φ28×105mm
Adapter	15ml round tube adapters×8	50ml conical tube adapters×6

		
Max. RPM	12000r/min	8000r/min
Max. RCF	15800×g	7000×g
Capacity	50ml×6	100ml×4
Centrifugal radius	9.8cm	9.8cm
Tube	Φ28×118mm-conical	Φ38×119mm
Adapter	1、15ml×6。2、50ml round tube adapters×6	-

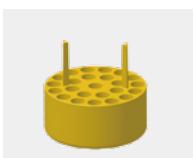
750ml Rotors and Adapters



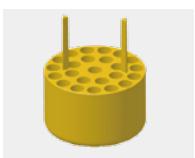
Aerosol-tight rotor with
biocontainment caps
Max. RPM: 4000r/min
Max. RCF: 3500×g
Capacity: 750ml×4
Centrifugal: 22.5cm



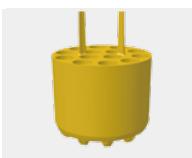
2ml×168
Φ11×42mm



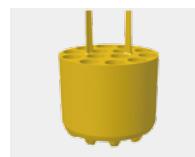
5ml×96
Φ13×53mm



Blood tube×96
Φ13×106mm



10ml×56
Φ16×113mm



15ml×56
Φ16×120mm



50ml×28
Φ28×118mm



50ml×28
Φ28×105mm



100ml×12
Φ41×119mm



250/300ml×6
Φ61.5×126mm



400ml×4
Φ80×122mm



500ml×4
Φ80×140mm



500ml×4
Φ95×152mm

500ml Rotors and Adapters



Rotor type:-horizontal rotor
Max. RPM: 4000r/min
Max. RCF: 3400×g
Capacity: 500ml×4



Name: Air-tight test tube
500ml×4



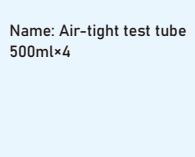
Blood tube×52
Φ13×105mm



10ml×48
Φ16×109mm



15ml×32
Φ16×115mm



Name: Round Cup Test Tube
500ml×4



15ml×32
Φ16×120mm



50ml×12
Φ28×105mm



50ml×12
Φ28×119mm



30ml×18
Φ25.5×101.4mm



100ml×4
Φ38×119mm



250ml×4
Φ61.8×127.7mm

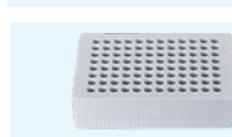
Microplate Rotor



Microplate Rotor
Max. RPM: 4000r/min
Max. RCF: 2100×g
Capacity: 96-well microtiter plate × 2
Centrifugal: 11.7cm



0.5ml×120
Φ6.5×30mm



0.2mlPCR×8×12
0.2mlPCR-8

Floorstanding low speed refrigerated centrifuge with high capacity

AT-L6000R

AT-L6000R is widely used in the fields of clinical medicine, biopharmaceutical, biochemistry, genomics, etc. It's highly rated in the rapid and efficient centrifugation of blood bags



Features

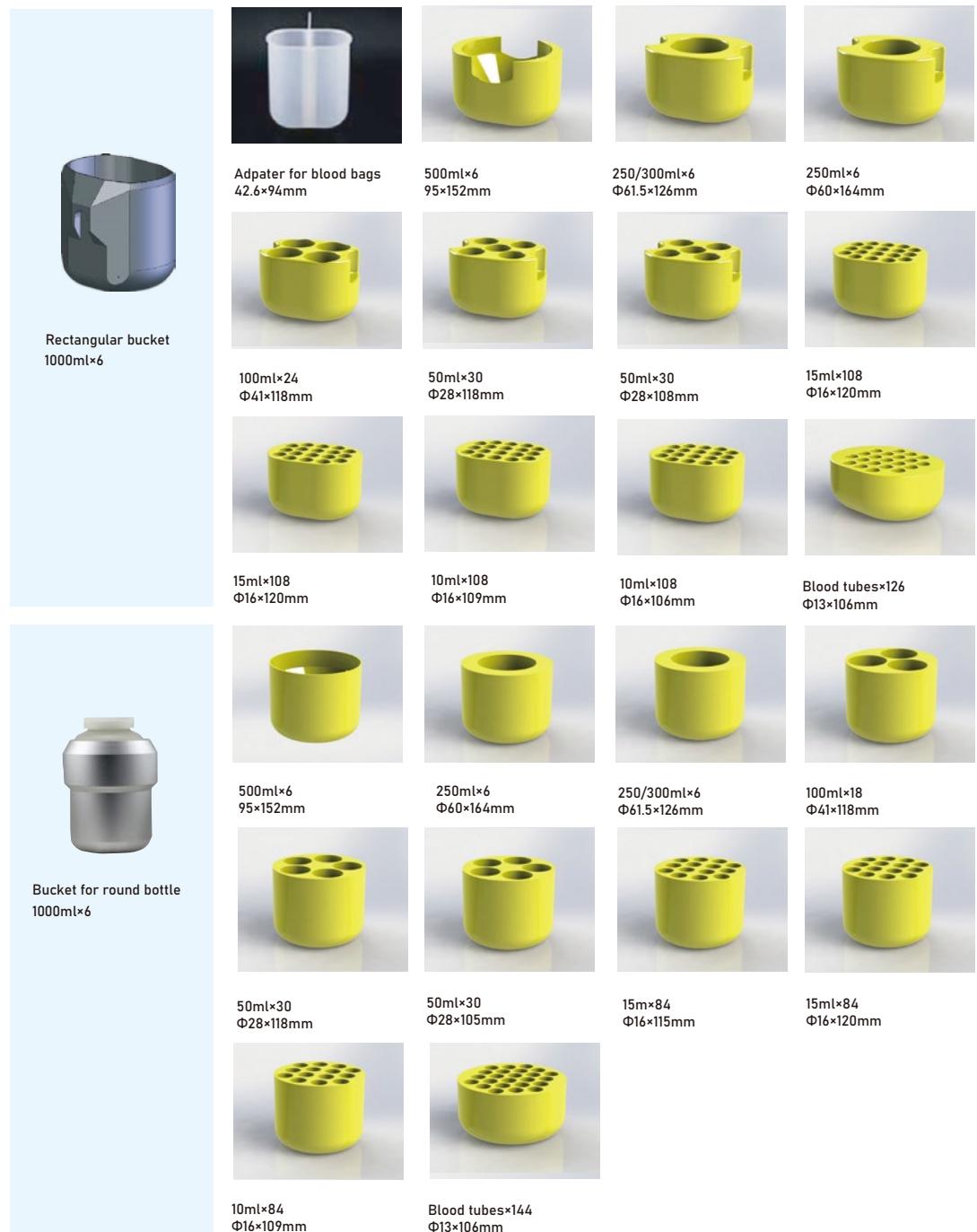
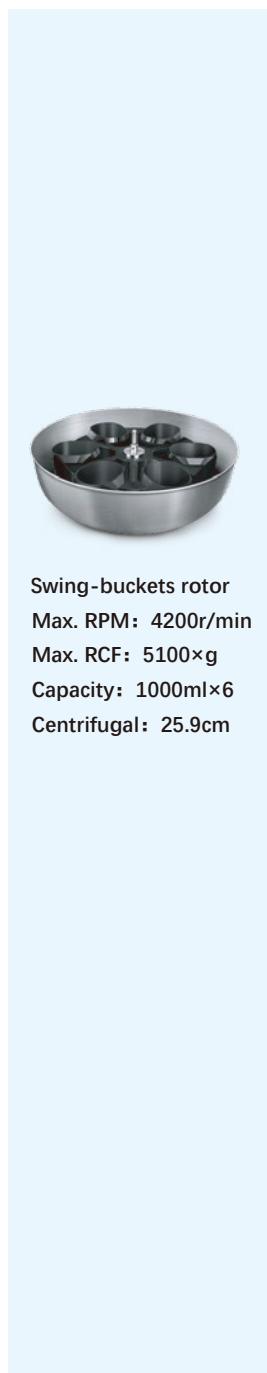
- Metal cabinet, stainless steel rotor chamber, steel protective cover
- Auto-adsorption lid lock, auto/manual can be set
- MCB control, HD-LCD touch screen
- Automatic stop protector for over speed, imbalance and lid open
- AC variable frequency motor with sensor for monitoring speed
- Timer mode is settable, can be started from running or setting speed
- 10 acceleration/deceleration modes are for different sample requirements
- Soft brake function for slow acceleration and braking
- Optimized for separation by gradient centrifugation(5 rates for option)
- Running data can be download by USB port (optional)
- User can lock and open lid by password, keep the samples safety
- Environment friendly Non-CFC refrigeration
- Precooling before centrifugal running and defrosting with lid open, compressor overheating protection
- Parameter can be changed during running process



Specifications

Model	AT-L6000R
Max. speed	Angle rotor: 6000r/min; swing-out rotor: 4200r/min
Deviation	±2.5%
Max. RCF	Angle rotor: 6640 x g; swing-out rotor: 5100 x g
Max. Capacity	Angle rotor: 500ml×6; swing-out rotor: 1000ml×6
Run time setting	1-99h59min59s
Timer Mode	Started from running/setting speed
Lid open	Manual/Automatic
Display	7' HD-LCD touch screen
Data download	USB port(optional)
Acceleration/deceleration	0-9 rates
Temperature range	-20°C ~+40°C
Precooling	Yes
Noise	≤65dB
Power	2500w
Dimensions	85×80×100cm
Weight	260kg

Swing-buckets rotor/adapters



Angle rotor/adapters

