

Technical specification

UniSpin-21K Non-Refrigerated

Model	UniSpin-21KA	UniSpin-21KB	UniSpin-21KC	UniSpin-21KD	UniSpin-21KE
Max. Capacity	4×180ml	4×250ml	4×300ml	4×600ml	4×800ml
Max. Speed	21000 rpm				
Speed Accuracy	±20 rpm				
Max. RCF	31910 ×g				
Time Setting Range	1min~99h59min, 1s~99min59s, 2s~99h59min59s				
Display	5” LCD touchscreen				
Noise	≤ 55dBA				
Acc/Dec	10 Kinds				
RPM/RCF Convert	Yes				
Power Supply	AC 220V 50HZ				
Dimension (mm)	528×370×280	570×400×320	620×450×355	680×500×355	720×600×450
Wooden Box (mm)	610×435×340	635×460×360	780×525×470	850×600×470	780×525×550
N.W/G.W. (kg)	35/37	48/52	54/69	64/80	80/105

*Ultrassay BioTech Co., Ltd. reserves the right of final interpretation of different specifications.

UniSpin-21KR Refrigerated

Model	UniSpin-21KRA	UniSpin-21KRB	UniSpin-21KRC	UniSpin-21KRD	UniSpin-21KRE
Max. Capacity	4×180ml	4×250ml	4×300ml	4×600ml	4×800ml
Max. Speed	21000 rpm				
Speed Accuracy	±20 rpm				
Max. RCF	31910 ×g				
Time Setting Range	1min~99h59min, 1s~99min59s, 2s~99h59min59s				
Temp. Setting Range	-20 ~ 40°C, Step 1°C adjustable				
Temp. Accuracy	±1°C				
Display	5” LCD touchscreen				
Noise	≤ 55dBA				
Acc/Dec	10 Kinds				
RPM/RCF Convert	Yes				
Power Supply	AC 220V 50HZ				
Dimension (mm)	570×600×340	620×600×360	640×665×400	660×685×420	680×685×450
Wooden Box (mm)	750×670×455	815×700×530	820×735×535	825×770×550	850×790×565
N.W/G.W. (kg)	105/118	100/125	120/132	140/162	150/180

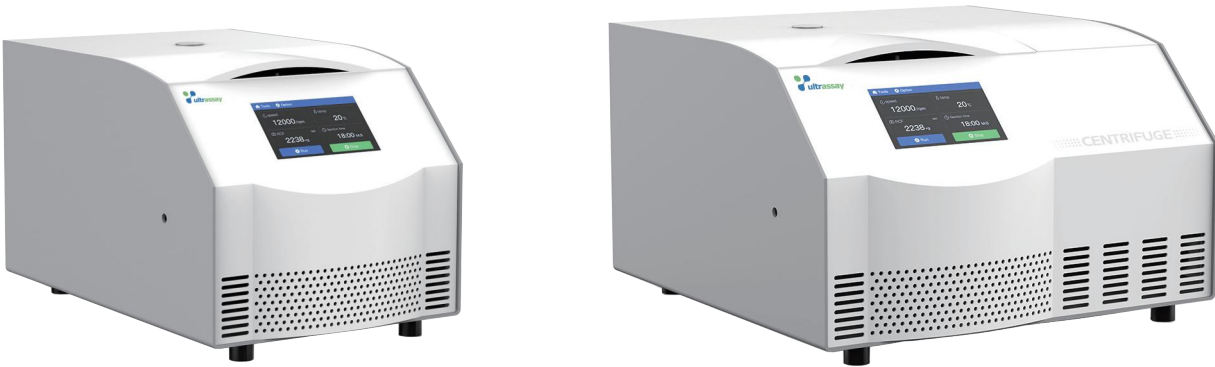
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Available Rotors

UniSpin-21K/21KR
Tabletop Universal (Refrigerated) Centrifuge

UniSpin-21K/21KR series tabletop universal (refrigerated) centrifuges are versatile and in-dispensable general purpose centrifuge that up to 21000rpm, With various capacities and rotors, are widely used in the field of biochemistry, biological products, pharmaceutical factory and laboratory, hospitals and blood banks etc.

UniSpin-21KR series are refrigerated centrifuges that design for processing sensitive samples at temperature of -20 ~ +40°C.

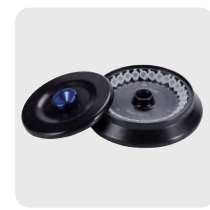
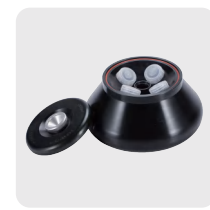
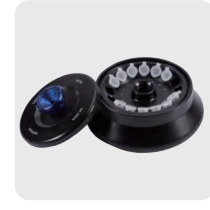
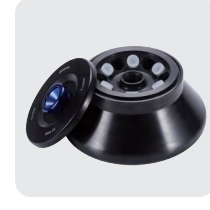


Features

- Brushless frequency motor, in great torque, free maintenance, no powder pollution, quick in speed up and down;
- Imported compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control;
- Microprocessor control, LCD touch screen which mindicates the temperature, speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameter can be edited;
- 100 kinds of program stored in the memory, 10 kinds of accelerating and decelerating speed for your choice;
- Automatic electric lid lock, over speed, over temp. protection and imbalance protection;
- Automatic rotor identification and biosfety lids are optional.
- High quality steel centrifuge body, stainless steel chamber, built-in stainless-steel explosion-proof protect sleeve, 3 tiers protection, safe and reliable;
- Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction;
- Lever 3 damping and get the ideal centrifugation result.



Ultrassay BioTech Co., Ltd.
RM3018 Poly D9, No. 999 Luzhou Avenue, Baohe District, Hefei, Anhui, China
Tel: +86-551-62881663
E-mail: info@ultrassay.com
Website: https://ultrassay.com

 Rotor Type: Angle Rotor Max. Capacity: 4×8 strips PCR Max. Speed: 16000rpm Max. RCF: 15760×g Order No.: 05131 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 6×8 strips PCR Max. Speed: 15000rpm Max. RCF: 21420×g Order No.: 05132 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 12×15ml Max. Speed: 1100rpm Max. RCF: 14330×g Order No.: 05114 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 24×15ml Max. Speed: 5000rpm Max. RCF: 3500×g Order No.: 05140 Apply to UniSpin-21K/KR-A/B/C/D/E
 Rotor Type: Angle Rotor Max. Capacity: 8×8 strips PCR Max. Speed: 16000rpm Max. RCF: 17480×g Order No.: 05133 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 12×8 strips PCR Max. Speed: 15000rpm Max. RCF: 22930×g Order No.: 05134 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 30×15ml Max. Speed: 5000rpm Max. RCF: 3830×g Order No.: 05141 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 6×30ml Max. Speed: 14000rpm Max. RCF: 19060×g Order No.: 30810 Apply to UniSpin-21K/KR-A/B/C/D/E
 Rotor Type: Angle Rotor Max. Capacity: 40×0.5ml Max. Speed: 15000rpm Max. RCF: 22920×g Order No.: 31010 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 12×1.5/2.0ml Max. Speed: 21000rpm Max. RCF: 30910×g Order No.: 30801 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 6×50ml (falcon tube) Max. Speed: 13000rpm Max. RCF: 18840×g Order No.: 30811 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 6×50ml Max. Speed: 13000rpm Max. RCF: 18730×g Order No.: 05117 Apply to UniSpin-21K/KR-A/B/C/D/E
 Rotor Type: Angle Rotor Max. Capacity: 24×1.5/2ml Max. Speed: 16000rpm Max. RCF: 23440×g Order No.: 30803 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 30×1.5/2ml Max. Speed: 14000rpm Max. RCF: 20800×g Order No.: 30404 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 4×85ml Max. Speed: 13000rpm Max. RCF: 18940×g Order No.: 30453 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 4×100ml Max. Speed: 12000rpm Max. RCF: 14850×g Order No.: 30453 Apply to UniSpin-21K/KR-A/B/C/D/E
 Rotor Type: Angle Rotor Max. Capacity: 48×1.5/2ml Max. Speed: 13000rpm Max. RCF: 17930×g Order No.: 05104 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 16×5ml Max. Speed: 16000rpm Max. RCF: 22020×g Order No.: 30805 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 6×100ml Max. Speed: 10000rpm Max. RCF: 11380×g Order No.: 30414 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 12×50ml Max. Speed: 5000rpm Max. RCF: 3860×g Order No.: 05144 Apply to UniSpin-21K/KR-B/C/D/E
 Rotor Type: Angle Rotor Max. Capacity: 6×10ml Max. Speed: 16000rpm Max. RCF: 21500×g Order No.: 05109 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 12×10ml Max. Speed: 15000rpm Max. RCF: 22680×g Order No.: 30808 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 24×50ml Max. Speed: 4000rpm Max. RCF: 2970×g Order No.: 05145 Apply to UniSpin-21K/KR-C/D/E	 Rotor Type: Swing-out Rotor Max. Capacity: 4×12×10ml Max. Speed: 4000rpm Max. RCF: 2880×g Order No.: 05640 Apply to UniSpin-21K/KR-C/D/E
 Rotor Type: Angle Rotor Max. Capacity: 16×10ml Max. Speed: 13000rpm Max. RCF: 19490×g Order No.: 30417 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 8×15ml (falcon tube) Max. Speed: 13000rpm Max. RCF: 17790×g Order No.: 05113 Apply to UniSpin-21K/KR-A/B/C/D/E	 Rotor Type: Angle Rotor Max. Capacity: 12×100ml Max. Speed: 4000rpm Max. RCF: 2970×g Order No.: 05148 Apply to UniSpin-21K/KR-C/D/E	 Rotor Type: Microplate Rotor (frame type) Max. Capacity: 2×3×96 well Max. Speed: 4000rpm Max. RCF: 2020×g Order No.: 30691 Apply to UniSpin-21K/KR-A/B



Rotor Type: Microplate Rotor (box type)
Max. Capacity: 2×3×96 well
Max. Speed: 4000rpm
Max. RCF: 1980×g
Order No.: 30691
Apply to UniSpin-21K/KR-A/B



Rotor Type: Microplate Rotor
Max. Capacity: 2×3×48 well
Max. Speed: 4000rpm
Max. RCF: 2300×g
Order No.: 30676
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Microplate Rotor (frame type)
Max. Capacity: 2×4×96 well
Max. Speed: 4000rpm
Max. RCF: 3210×g
Order No.: 30691
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Microplate Rotor (box type)
Max. Capacity: 2×4×96 well
Max. Speed: 4000rpm
Max. RCF: 2770×g
Order No.: 30691
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Microplate Rotor (frame type)
Max. Capacity: 4×4×96 well
Max. Speed: 4000rpm
Max. RCF: 3210×g
Order No.: 30692
Apply to UniSpin-21K/KR-E



Rotor Type: Microplate Rotor (box type)
Max. Capacity: 4×4×96 well
Max. Speed: 4000rpm
Max. RCF: 3080×g
Order No.: 30692
Apply to UniSpin-21K/KR-E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×1×50ml
Max.Speed: 5000rpm
Max. RCF: 4730×g
Order No.: 05629
Apply to UniSpin-21K/KR-A/B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×1×100ml
Max.Speed: 5000rpm
Max. RCF: 4730×g
Order No.: 05630
Apply to UniSpin-21K/KR-A/B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×2×50ml
Max.Speed: 4000rpm
Max. RCF: 3200×g
Order No.: 05634
Apply to UniSpin-21K/KR-A/B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×2×100ml
Max.Speed: 4000rpm
Max. RCF: 3020×g
Order No.: 05635
Apply to UniSpin-21K/KR-B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×4×15ml
Max.Speed: 4000rpm
Max. RCF: 3200×g
Order No.: 05633
Apply to UniSpin-21K/KR-A/B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×4×10/7ml
Max.Speed: 4000rpm
Max. RCF: 2770×g
Order No.: 05633
Apply to UniSpin-21K/KR-A/B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×6×15ml
Max.Speed: 4000rpm
Max. RCF: 3200×g
Order No.: 05632
Apply to UniSpin-21K/KR-B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×6×10/7ml
Max.Speed: 4000rpm
Max. RCF: 2770×g
Order No.: 05632
Apply to UniSpin-21K/KR-A/B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×8×15ml
Max.Speed: 4000rpm
Max. RCF: 3200×g
Order No.: 05631
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×8×10/7ml
Max.Speed: 4000rpm
Max. RCF: 2770×g
Order No.: 05631
Apply to UniSpin-21K/KR-B/C/D/E



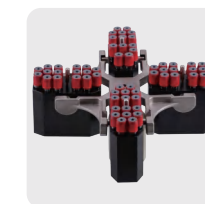
Rotor Type: Swing-out Rotor
Max. Capacity: 4×10×10ml
Max.Speed: 4000rpm
Max. RCF: 2880×g
Order No.: 05641
Apply to UniSpin-21K/KR-B/C/D/E



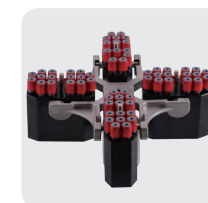
Rotor Type: Swing-out Rotor
Max. Capacity: 4×12×5ml
Max.Speed: 4000rpm
Max. RCF: 2480×g
Order No.: 05637
Apply to UniSpin-21K/KR-B/C/D/E



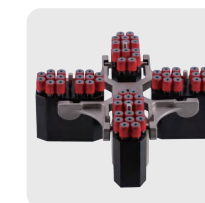
Rotor Type: Swing-out Rotor
Max. Capacity: 4×12×7ml
Max.Speed: 4000rpm
Max. RCF: 2760×g
Order No.: 05636
Apply to UniSpin-21K/KR-B/C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×16×5ml
Max.Speed: 4000rpm
Max. RCF: 2470×g
Order No.: 05628
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×16×7ml
Max.Speed: 4000rpm
Max. RCF: 2860×g
Order No.: 05627
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×16×10ml
Max.Speed: 4000rpm
Max. RCF: 3150×g
Order No.: 05626
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×18×10ml
Max.Speed: 4000rpm
Max. RCF: 3140×g
Order No.: 05621
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×22×7ml
Max.Speed: 4000rpm
Max. RCF: 3410×g
Order No.: 05624
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×22×5ml
Max.Speed: 4000rpm
Max. RCF: 2840×g
Order No.: 05624
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×24×7ml
Max.Speed: 4000rpm
Max. RCF: 3150×g
Order No.: 05622
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×24×5ml
Max.Speed: 4000rpm
Max. RCF: 2750×g
Order No.: 05623
Apply to UniSpin-21K/KR-C/D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×24×10ml
Max.Speed: 4000rpm
Max. RCF: 3130×g
Order No.:05623
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×30×7ml
Max.Speed: 4000rpm
Max. RCF: 3130×g
Order No.: 05614
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×30×5ml
Max.Speed: 4000rpm
Max. RCF: 2840×g
Order No.: 05614
Apply to UniSpin-21K/KR-D/E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×40×7ml
Max.Speed: 4000rpm
Max. RCF: 3270×g
Order No.: 05615
Apply to UniSpin-21K/KR-E



Rotor Type: Swing-out Rotor
Max. Capacity: 4×40×5ml
Max.Speed: 4000rpm
Max. RCF: 2890×g
Order No.: 05615
Apply to UniSpin-21K/KR-E

Rotor	Vessel	Rotor	Vessel	Rotor	Vessel
 Swing-out Rotor Volume: 4×250ml Max. speed: 4000rpm Max. RCF: 3260×g Order No.: 05211 Apply to UniSpin-21K/KR-D/E	 Corning 250ml	 Swing-out Rotor Volume: 4×500ml Max. speed: 4000rpm Max. RCF: 3530×g Order No.: 05212 Apply to UniSpin-21K/KR-D/E	 Corning 500ml	 Swing-out Rotor Volume: 4×600ml (oval) Max. speed: 4000rpm Max. RCF: 3530×g Order No.: 05612 Apply to UniSpin-21K/KR-D	 Blood Bag 450ml

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×250ml Max. speed: 4000rpm Max. RCF: 2880×g Order No.: 05624 Apply to UniSpin-21K/KR-B	 Round Bucket (Biosafety lid optional)		4×7×5ml (Φ13×81mm)		4×4×15ml Falcon (Φ17×120mm)
			4×7×7ml (Φ13×106mm)		4×1×50ml Falcon Φ29×115mm
			4×7×10ml (Φ16×106mm)		

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×250ml Max. speed: 4000rpm Max. RCF: 2830×g Order No.: 05625 Apply to UniSpin-21K/KR-B	 Rectangular Bucket (Biosafety lid optional)		4×9×5ml (Φ13×81mm)		4×4×15ml Falcon (Φ17×120mm)
			4×9×7ml (Φ13×106mm)		4×1×50ml Falcon (Φ29×115mm)
			4×9×10ml (Φ16×106mm)		

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×300ml Max. speed: 4000rpm Max. RCF: 3180×g Order No.: 05619 Apply to UniSpin-21K/KR-C	 Round Bucket (Biosafety lid optional)		4×10×5ml (Φ13×81mm)		4×7×15ml Falcon (Φ17×120mm)
			4×10×7ml (Φ13×106mm)		4×2×50ml Falcon (Φ29×115mm)
			4×9×10ml (Φ16×106mm)		

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×300ml Max. speed: 4000rpm Max. RCF: 3150×g Order No.: 05620 Apply to UniSpin-21K/KR-C	 Rectangular Bucket (Biosafety lid optional)		4×16×5ml (Φ13×81mm)		4×9×15ml Falcon (Φ17×120mm)
			4×16×7ml (Φ13×106mm)		4×4×50ml Falcon (Φ29×115mm)
			4×12×10ml (Φ16×106mm)		

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×600ml Max. speed: 4000rpm Max. RCF: 3530×g Order No.: 05608 Apply to UniSpin-21K/KR-D	 Round Bucket (Biosafety lid optional)		4×18×5ml (Φ13×81mm)		4×9×15ml Falcon (Φ17×120mm)
			4×18×7ml (Φ13×106mm)		4×3×50ml Falcon (Φ29×115mm)
			4×14×10ml (Φ16×106mm)		

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×600ml Max. speed: 4000rpm Max. RCF: 3450×g Order No.: 05609 Apply to UniSpin-21K/KR-D	 Rectangular Bucket (Biosafety lid optional)		4×20×5ml (Φ13×81mm)		4×12×15ml Falcon (Φ17×120mm)
			4×20×7ml (Φ13×106mm)		4×5×50ml Falcon (Φ29×115mm)
			4×16×10ml (Φ16×106mm)		

Rotor	Bucket	Adaptor	Capacity	Adaptor	Capacity
 Swing-out Rotor Volume: 4×800ml Max. speed: 4000rpm Max. RCF: 3450×g Order No.: 05607 Apply to UniSpin-21K/KR-E	 Round Bucket (Biosafety lid optional)		4×23×5ml (Φ13×81mm)		4×14×15ml Falcon (Φ17×120mm)
			4×23×7ml (Φ13×106mm)		4×5×50ml Falcon (Φ29×115mm)
			4×19×10ml (Φ16×106mm)		