



Each centrifuge model meets specific requirements.
 KUBOTA: offering **a broad range of high-quality centrifuges since 1920**, with an **established reputation** for **reliable performance**.

All centrifuges are **made in Japan** and pass rigorous company testing.

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Kubota has acquired ISO 9001 and ISO 13485 certification.

Precautions for use

Products in this catalogue are designed for use only by people who have the requisite technical knowledge, and must always be used with considerable care and only for their intended purpose. People who do not have adequate technical knowledge or training should only use the products under appropriate supervision by someone with expert knowledge, or else accidents are likely to occur.



Prohibited

Please immediately stop using the products in any of the cases listed on the right.

- The rotor or buckets appear to be damaged or corroded.
- When the replacement period (years of operation, operating lifetime) of a rotor has passed.
- The equipment emits a burning smell or becomes abnormally hot.
- You receive a weak electric shock when you touch the equipment with your bare hands.
- When any other abnormality or indication of failure is noticed.

IMPORTANT

If any of the cases listed at the left occurs, immediately turn off the power, disconnect the power cable plug or connecting terminals from the main power outlet, place a "Do not use" sign on the unit, and contact the nearest branch of Kubota Corporation.



Safety Precautions

To use the equipment safely, be sure to read the instruction manual carefully before you start operations.

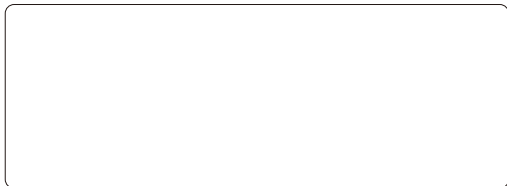
Do not misplace the instruction manual. Keep the instruction manual nearby so that you can refer to it whenever necessary.

- The term of supplying spare parts for repair is 7 years after discontinuation of production (except spare parts which we are unable to procure).
- This catalogue is not for distribution in the USA, Canada and Mexico as products shown are not for sale in these countries.

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Products Guide

CENTRIFUGES



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General Purpose Centrifuges



model S300T
4,000rpm



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model S300TR
4,000rpm



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CE mark



Refrigerated



Toolless



one-touch rotor



self-lock rotor



model S500T
6,000rpm



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model S500FR
8,500rpm



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model S700T
6,000rpm



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model S700TR
12,000rpm



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model S700FR
12,000rpm



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Hematocrit Centrifuge



model 3220
12,000rpm

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model KA-2200
500/1,000/2000xg

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Immunoematology Centrifuge

Laboratory Centrifuges



model 3300
15,000rpm

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model 3520
15,000rpm



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model M500TR
15,300rpm



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model M300FR
15,300rpm



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model 6200
16,000rpm



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model 7000
22,000rpm



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model 6000
22,000rpm



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Plate Centrifuge



PlateSpin 3
3,700rpm



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Large Capacity & Blood Bags Centrifuges



model 8730
4,000rpm



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model 9925
7,000rpm



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model 9945
4,000rpm



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model S300T Benchtop Centrifuge



Model	S300T
Max. Speed	4,000rpm
Max. RCF	2,610xg
Max. Capacity	360mL
Size (WxDxH)	34x42x33cm
Weight	20kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 115V±10%, 8A 220V±10%, 230V±10%, 5A



RS-240A



053-4930 053-7340

model S300TR Benchtop Refrigerated Centrifuge



Model	S300TR
Max. Speed	4,000rpm
Max. RCF	2,610xg
Max. Capacity	360mL
Temperature	-10 to +40°C
Size (WxDxH)	36x64x33cm
Weight	110/115V 40kg, 220/230V 44kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 115V±10%, 10A 220V±10%, 230V±10%, 8A



RS-240A



053-5040 053-6030

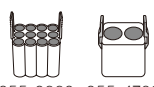
model S500T Benchtop Centrifuge



Model	S500T
Max. Speed	6,000rpm
Max. RCF	5,350xg
Max. Capacity	1,020mL
Size (WxDxH)	44x53x32cm
Weight	39kg
Power Requirements	Single phase 50/60Hz 110V±10%, 15A 220V±10%, 230V±10%, 8A



ST-724M



055-0880 055-4760

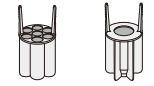
model S500FR Floor Standing Refrigerated Centrifuge



Model	S500FR
Max. Speed	8,500rpm
Max. RCF	9,690xg
Max. Capacity	2,000mL
Size (WxDxH)	54x64x84cm
Weight	116kg
Power Requirements	Single phase 50/60Hz 110V±10%, 15A 220V±10%, 230V±10%, 10A



ST-2504MS



055-1140 055-1170

model S700T Benchtop Centrifuge



Model	S700T
Max. Speed	6,000rpm
Max. RCF	5,350xg
Max. Capacity	3,000mL
Size (WxDxH)	54x63x38cm
Weight	59kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 115V±10%, 15A 220V±10%, 230V±10%, 8A



RS-7504M



RS-1440M

model S700TR Benchtop Refrigerated Centrifuge



Model	S700TR
Max. Speed	12,000rpm
Max. RCF	13,200xg
Max. Capacity	3,000mL
Temperature	-10 to +40°C
Size (WxDxH)	77x63x40cm
Weight	103kg
Power Requirements	Single phase 50/60Hz, 220V±10%, 230V±10%, 10A



RS-7504M



RS-1440M

model S700FR Floor Standing Refrigerated Centrifuge



Model	S700FR
Max. Speed	12,000rpm
Max. RCF	13,200xg
Max. Capacity	3,000mL
Temperature	-10 to +40°C
Size (WxDxH)	54x63x84cm
Weight	118kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 15A 220V±10%, 230V±10%, 10A



RS-7504M



RS-1440M

model 3220 Micro Hematocrit Centrifuge



Model	3220
Size (WxDxH)	32x39x27cm
Weight	21kg
Power	Single phase 50/60Hz, 110V±10%, 115V±10%, 10A 220V±10%, 230V±10%, 6A



HT/2 Rotor



HT/15 Rotor



HT Rotor

Max. Capacity	16 x capillary tube	8 x 2mL micro tube	24 x capillary tube	4 x 15mL micro tube	30 x capillary tube
Max. Speed	12,000rpm	12,000rpm	12,000rpm	12,000rpm	12,000rpm
Max. RCF	15,000xg	12,720xg	15,000xg	2,100xg	15,000xg

model 3300 Tabletop Micro Centrifuge



Model	3300
Max. Speed	15,000rpm
Max. RCF	20,630xg
Max. Capacity	48mL
Size (WxDxH)	32x39x27cm
Weight	20kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 115V±10%, 120V±10%, 10A 220V±10%, 230V±10%, 240V±10%, 6A



RA-2024



RA-2724

model 6200 Hybrid High Speed Refrigerated Centrifuge



Model	6200
Max. Speed	16,000rpm
Max. RCF	23,470xg
Max. Capacity	2,000mL
Temperature	-20 to +40°C
Size (WxDxH)	50x65x85cm
Weight	118kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 115V±10%, 15A 220V±10%, 230V±10%, 10A



AF-5008C



PF-206

model 3520 Tabletop Micro Refrigerated Centrifuge



Model	3520
Max. Speed	15,000rpm
Max. RCF	20,630xg
Max. Capacity	60mL
Temperature	-9 to +40°C
Size (WxDxH)	29x48.4x28.4cm
Weight	30.2kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 115V±10%, 15A 220V±10%, 230V±10%, 10A



MA-2024



MA-2724

model 6000 High Speed Refrigerated Centrifuge



Model	6000
Max. Speed	22,000rpm
Max. RCF	44,370xg
Max. Capacity	3,000mL
Temperature	-20 to +40°C
Size (WxDxH)	50x78x85cm
Weight	213kg
Power Requirements	Single phase 50/60Hz, 220V±10%, 230V±10%, 30A



A-508C



A-5006

model M300FR Micro Refrigerated Centrifuge



Model	M300FR
Max. Speed	15,300rpm
Max. RCF	22,250xg
Max. Capacity	228mL
Size (WxDxH)	39x54x76cm
Weight	85kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 15A 220V±10%, 230V±10%, 10A



SF-242



SF-242

model 7000 High Speed Refrigerated Centrifuge



Model	7000
Max. Speed	22,000rpm
Max. RCF	52,490xg
Max. Capacity	4,000mL
Temperature	-20 to +40°C
Size (WxDxH)	64x82x86cm
Weight	252kg
Power Requirements	Single phase 50/60Hz, 220V±10%, 230V±10%, 30A



A-2506



A-1K4

model M500TR Benchtop High Speed Refrigerated Centrifuge



Model	M500TR
Max. Speed	15,300rpm
Max. RCF	22,250xg
Max. Capacity	2,000mL
Size (WxDxH)	70x63x36cm
Weight	86kg
Power Requirements	Single phase 50/60Hz, 110V±10%, 15A 220V±10%, 230V±10%, 10A



AF-5006C



SF-724ロータ

model PlateSpin 3 Plate Centrifuge



Model	PlateSpin 3
Max. Speed	3,700rpm
Max. RCF	1,530xg
Max. Capacity	6x microplate, 2x deep-well plate, 2x 96 well PCR plate
Size (WxDxH)	34x42x33cm
Weight	20kg
Power requirement	Single phase 50/60Hz, 110V±10%, 115V±10%, 8A 220V±10%, 230V±10%, 5A



6 x Micro-plates



2 x Deep-well plates

model 8730 High Capacity Centrifuge/High Capacity Refrigerated Centrifuge



Model	8730
Max. Speed	4,000rpm
Max. RCF	4,150xg
Max. Capacity	4,000mL
Temperature	-20 to +40°C
Size (WxDxH)	64x78x86cm
Weight	217kg
Power requirement	Single phase 50/60Hz, 220V±10%, 230V±10%, 40A



RS-4000



RS-1950

model 9925/9945 Large Capacity Refrigerated Centrifuge



*9945 only

Model	9925	9945
Max. Speed	7,000rpm	4,000rpm
Max. RCF	11,290xg	5,240xg
Max. Capacity	6,000mL	12x blood bags
Temperature	-9 to +40°C	-9 to +40°C
Size (WxDxH)	73x83x109 cm	81x91x109 cm
Weight	380kg	460kg
Power requirement	Single phase 50/60Hz, 220V±10%, 230V±10%, 30A	Single phase 50/60Hz, 220V±10%, 230V±10%, 40A



RS-8080(9925)



RS-8120(9945)

model KA-2200 Immunoematology Centrifuge



Model	KA-2200	
	RS-110L Rotor	Seromatic Rotor
Max. Speed	4,700rpm	3,100rpm
Max. RCF	2,000xg	1,000xg
Max. Capacity	12x1mL	12x6mL
Size (WxDxH)	23x27x23cm	
Weight	8kg	
Power requirement	Single phase 50/60Hz, 110V±10%, 115V±10%, 5A 220V±10%, 230V±10%, 3A	



RS-110L Rotor



Seromatic Rotor

Centrifuges Rotors Matching Guide

		Model						
Rotor Name	Max. Speed Max. RCF Max. Capacity							
Angle Rotors	RA-2724M 12,000rpm 13,200xg 24x1.5/2mL						✓	✓
	RA-508C 8,500rpm 9,690xg 8x50mL Conical tube				✓			
	AT-508C 6,000rpm 5,350xg 8x50mL Conical tube			✓	✓	✓	✓	✓
Swinging Bucket Rotors	RS-240A 4,000rpm 2,620xg 4x50mL, 24xBC tube*	✓	✓					
	ST-480M 3,500rpm 2,380xg 8x50mL, 32xBC tube*			✓	✓			
	ST-504M 5,000rpm 4,860xg 4x50mL			✓	✓			
	ST-724M 3,500rpm 2,380xg 4x250mL, 68/48xBC tube*			✓	✓			
	ST-2504MS 4,800rpm 4,300xg 4x250mL, 28xBC tube*			✓	✓			
	ST-5004M 4,000rpm 3,080xg 4x500mL, 48xBC tube*			✓	✓			
	RS-1440M 3,500rpm 2,630xg 4x750mL, 144xBC tube*					✓	✓	✓
	RS-7504M 4,000rpm 3,430xg 4x750mL, 92xBC tube*					✓ (3,800rpm)	✓	✓
	RS-7504M 4,000rpm 3,010xg 4x deep-well plate					✓ (3,800rpm)	✓	✓
	PT-89M 2,400rpm 1,080xg 4x deep-well plate			✓	✓			
Plate Rotors	PT-22M 5,000rpm 3,100xg 2x deep-well plate			✓	✓			
	PT-745MS 4,200rpm 3,100xg 4x deep-well plate				✓			

*BC tube: Blood Collection tube, tube size diameter13 x Length 100mm

Rotors for Refrigerated Centrifuges 7000/6000

2mL, Conical tubes Fixed Angle Rotors



			
	A-224	A-508C	A-6512C
Max. Speed(rpm)	22,000/22,000	16,500/15,000	11,500rpm
Max. RCF(xg)	44,370/44,370	36,530/30,190	20,850xg
Max. Capacity	24x1.5/2mL	8x50mL Conical tube	12x50mL Conical tube

About the Fixed angle rotor table
The values on the left represent
the specifications for Model 7000,
while the values on the right
correspond to Model 6000.

10mL–100mL Middle Volume Fixed Angle Rotors

				
	A-1224	A-506	A-508	A-1008
Max. Speed(rpm)	18,500/17,000	22,000/20,000	20,000/17,500	15,500/13,500
Max. RCF(xg)	42,860/36,190	52,490/43,380	48,300/36,980	35,190/26,690
Max. Capacity	24x12mL	6x50mL	8x50mL	8x100mL

250mL–1,000mL Large Volume Fixed Angle Rotors

				
	A-2506	A-5004	A-5006	A-1K4 (for model 7000 only)
Max. Speed(rpm)	13,000/11,500	12,000/8,500	10,000/8,000	9,000rpm
Max. RCF(xg)	26,830/21,000	23,830/11,950	18,890/12,090	15,760xg
Max. Capacity	6x250mL	4x500mL	6x500mL	4x1,000mL

Swinging Bucket Rotors

					
	S-724	S-2504	S-5004	P-89	P-751
Max. Speed(rpm)	3,500	4,800	4,000	2,400	5,000
Max. RCF(xg)	2,380	4,300	3,080	1,080	4,390
Max. Capacity	4x250mL	4x250mL	4x500mL	8xMicro-plates 4xDeep-well plates	12xMicro-plates 4xDeep-well plates

Plate Rotors


The Max Speed and Max RCF of the swinging bucket rotors and the plate rotors are same for models 7000 and model 6000.

Rotors for Refrigerated Centrifuges 6200/M500TR/M300FR

Micro Rotor

							
Rotor Name	AF-2018	AF-2024	AF-2524	AF-2724A	AF-2730	AF-2236	AF-2048A
Max. Capacity	18x1.5/2mL	24x1.5/2mL	24x1.5/2mL	24x1.5/2mL	30x1.5/2mL	36x1.5/2mL	48x1.5/2mL
Max. Speed(rpm)	15,000	15,300	15,000	16,000	14,000	15,000	12,000
Max. RCF(xg)	20,630	22,250	21,880	23,470	20,820	21,880	15,780
model 6200	✓			✓	✓	✓	✓
model M500TR		✓	✓		✓	✓	✓
model M300FR		✓	✓		✓	✓	✓

Rotor for Conical Tubes

					
Rotor Name	AF-5004CH	AF-5004CS	AF-5004CA	AF-5006C	AF-5008C
Max. Capacity	4x50mL Conical	4x50mL Conical	4x50mL Conical	6x50mL Conical	8x50mL Conical
Max. Speed(rpm)	15,000	12,000	12,000	13,000	10,000
Max. RCF(xg)	22,140	14,970	14,170	18,710	13,420
model 6200	✓	✓	✓		✓
model M500TR	✓	✓	✓	✓	
model M300FR	✓	✓	✓		

Fixed Angle Rotor (Middle Size)

							
Rotor Name	AF-512	AF-1408A	AF-5004RA	AF-3806A	MF-2236		
Max. Capacity	12x5mL	8x14mL	4x50mL	6x38mL	Swinging 24x1.5/2mL	Angle 24x1.5/2mL	8x8-strip PCR 15,000
Max. Speed(rpm)	15,000	12,000	15,000	15,000	15,000	15,000	17,860
Max. RCF(xg)	20,880	14,330	21,880	21,880	18,360	18,870	
model 6200	✓	✓	✓	✓			✓
model M500TR	✓	✓	✓	✓			✓
model M300FR	✓	✓	✓	✓			✓

Micro Multi Rotor

Swinging Bucket Rotor

						
Rotor Name	SF-242	SF-724	SF-2504S	SF-5004	PF-206	PF-745S
Max. Capacity	4x50mL Conical	68x15mL	4x250mL	4x250mL	6xMicro-plate 2xDeepwell-plate	12xMicro-plate 4xDeepwell-plate
Max. Speed(rpm)	4,000	3,500	4,800	4,000	4,000	4,200
Max. RCF(xg)	2,610	2,380	4,300	3,080	1,790	3,100
model 6200	✓	✓	✓	✓	✓	✓
model M500TR		✓	✓	✓	✓	✓
model M300FR	✓				✓	

Plate Rotor