

**KUBOTA**

## Universal Refrigerated Centrifuge



# 6200

[www.centrifuge.jp](http://www.centrifuge.jp)

# Multi-Purpose Rotor & Micro Rotor can be used in this convenient unit.



Foot switch (Optional)

## ■ Rapid acceleration and deceleration

Reach 15,000 rpm rotational speed in 10 seconds, using 18 x 1.5/2 mL tubes.

A swinging bucket rotor (SF-2504S) that can accommodate sealing caps and is capable of a maximum speed of 4,800rpm and maximum 4,300xg.

\* "Sealing Cap and O-ring" (Code No. 055-0964) are optional.

## ■ 20 types of rotor available to fit your needs.

## ■ Easy-to-use functions maximize convenience.

- Memory function for easy spin-down automatically memorizes duration of spin-down operations from 1 to 90 seconds (patented). One key pressing can then start subsequent spin-down operations, using the memorized duration.
- Equipped with a tachometer port to comply with GMP requirements. Actual rotor speed is easy to check.
- 5 available memory settings, with one-touch saving, and recall operation.
- Acceleration and deceleration curves can be selected from three profiles to best match sample types and experiment requirements. Density gradient methods can be used.
- Operation according to the centrifugal force (xg), as well as stepped centrifuging and integral centrifuging (g·sec) settings.
- Actual g·sec (Integrated RCF) value can be measured for centrifuging operations, in place of time duration settings.
- Timer can be set up to 990 minutes or seconds. During a hold condition, the elapsed time of operation is displayed.

## ■ Safety comes first

- Numerous detectors ensure safe, reliable operations. If trouble is detected, operation stops immediately.
- Rotor mounting sensor detects whether or not the rotor is properly set on the driver shaft.
- Automatic rotor detection is available (patented).

## ■ Sample temperature maintained at 4°C

(at 25°C ambient temperature. Please refer to the Rotor List).

## One-touch rotor setting makes changing rotors easy



Micro Rotor **AF-2236**



Rotors for Conical Tubes  
**AF-5004CH**

As for 50mL conical tube is available at 22,140xg.

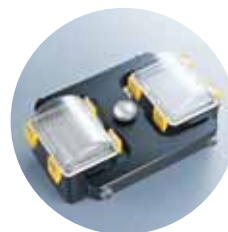


Plate Rotor  
**PF-745S**

Double stack Deep-well plates can be used.




Multi-purpose Swinging Bucket Rotor  
**SF-5004**

500mL bottle is available can be used at 4,000rpm/3,080xg.



## Micro Multi-Purpose Rotor MF-2236

■ 4 types of buckets can be used with this rotor. It helps saving cost and time of centrifuging.



■ High Speed Centrifuging  
Maximum speed : 15,000rpm  
Maximum RCF : 19,120xg





**MF-2236 Rotor**


=




**Swinging Bucket**  
24 x 1.5/2 mL  
15,000 rpm  
18,360 xg


=


**Angle Bucket**  
24 x 1.5/2 mL  
15,000 rpm  
18,870 xg





+

=


**Combined angle Bucket  
for 8-strip PCR tubes**  
1.5/2mL/0.5mL/0.4mL/0.2mL PCR Bucket  
15,000 rpm  
17,860 xg


=


**Horizontal Bucket**  
36 x 1.5/2 mL  
15,000 rpm  
19,120 xg

### Micro Multi-Purpose Rotor MF-2236

	Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	Maximum rpm	Maximum RCF xg	Bucket Code No.	Tube rack Adaptor Code No.
	<b>Swinging Bucket</b>	24 x 1.5/2mL	9.5~11.0 x 36~42	15,000	18,360	053-5860	—
		24 x 0.5mL	7.0~7.9 x 25~34		15,090		055-7590
		24 x 0.4mL	5.4~6.1 x 26~48		17,860		055-7580
		24 x 0.2mL PCR *	5.9~6.3 x 20~24		11,820		055-0500
	<b>Angle Bucket</b>	24 x 1.5/2mL	9.5~11.0 x 36~42	15,000	18,870	053-2000	—
		24 x 0.5mL	7.0~7.9 x 25~34		16,100		055-7590
		24 x 0.4mL	5.4~6.1 x 26~48		18,360		055-7580
		24 x 0.2mL PCR *	5.9~6.3 x 20~24		13,330		055-0500
	<b>Combined Angle Bucket</b>	8 x 0.2mL 8-strip PCR	5.9~6.3 x 20~24	15,000	17,860	053-6000	—
		12 x 1.5/2mL	9.5~11.0 x 36~42		15,600		—
		12 x 0.5mL	7.0~7.9 x 25~34		13,330		055-7590
		12 x 0.4mL	5.4~6.1 x 26~48		15,340		055-7580
		12 x 0.2mL PCR *	5.9~6.3 x 20~24		11,320		055-0500
	<b>Horizontal Bucket</b>	36 x 1.5/2mL	9.5~11.0 x 36~42	15,000	19,120	053-3000	—
		36 x 0.5mL	7.0~7.9 x 25~34		15,850		055-7590
		36 x 0.4mL	5.4~6.1 x 26~48		18,610		055-7580
		24 x 0.2mL PCR	5.9~6.3 x 20~24		13,330		—
		36 x 0.2mL PCR *	5.9~6.3 x 20~24		12,580		055-0500

\* 0.2mL PCR may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.

## Rotor, Bucket, Tube Rack Table for Model 6200



AF-2730 rotor and AF-5004CS rotors are certified as "Bio sealed rotors" by CAMR (U.K.).  
Even if tubes are broken, samples do not come out of the rotor.  
These rotors can be used for inspections of BSE, SARS, and etc.

- Sample temperature maintained at 4°C at maximum speed of rotation. When AF-2236 and AF-2048 rotors are used, sample temperature maintained at 4°C at a speed of rotation indicated in the brackets ( ), and at 8°C at maximum speed of rotation.
- For RCF indication, please refer to the instruction manual.

### Micro Rotor



\* Autoclavable (121°C)

#### AF-2018

18 x 1.5/2mL  
Quick Acceleration: 10 seconds



\* Autoclavable (134°C)

#### AF-2724A

24 x 1.5/2mL, 12 x 0.5/0.2mL PCR  
4 types of tubes (1.5/2mL, 0.5mL, 0.2mL PCR) can be used without adaptors.  
More than 20,000 g is effective for BSE tests.



\* Autoclavable (134°C)

#### AF-2730

Bio Sealed Rotor  
30 x 1.5/2mL  
4 types of tubes (1.5/2mL, 0.5mL, 0.2mL PCR) can be used without adaptors.



\* Autoclavable (134°C)

#### AF-2236

36 x 1.5/2mL, 4 x 0.2mL PCR  
4 types of tubes (1.5/2mL, 0.5mL, 0.2mL PCR) can be used without adaptors.  
Caps of 1.5/2mL tubes can be oriented in the same direction and it is useful for experiments.



\* Autoclavable (121°C)

#### AF-2048

48 x 1.5/2mL  
Useful for centrifuging heavy numbers of samples

\* The number of times allowed for autoclaving are limited. Please refer an instruction manual.

Rotor Name	Nominal Capacity	Tube size (mm) diam. x length	Maximum Speed rpm	Maximum RCF xg	Tube Rack Adaptor Code No.
AF-2018 *1	18 x 1.5/2mL	9.5~11 x 36~42	15,000	20,630	—
	18 x 0.5mL	7~7.9 x 25~34	15,000	18,110	055-7590
	18 x 0.4mL	5.4~6.1 x 26~48	15,000	20,120	055-7580
AF-2724A *1	24 x 1.5/2mL *2	9.5~11 x 36~42	16,000	23,470	—
	12 x 0.5mL	7~7.9 x 25~34	16,000	19,180	—
	24 x 0.4mL	5.4~6.1 x 26~48	16,000	23,180	055-7580
	12 x 0.2mL PCR	5.9~6.3 x 20~24	16,000	16,890	—
AF-2730 *1	30 x 1.5/2mL	9.5~11 x 36~42	14,000	21,040	—
	14 x 0.5mL	7~7.9 x 25~34	14,000	17,530	—
	30 x 0.4mL	5.4~6.1 x 26~48	14,000	20,380	055-1240
	14 x 0.2mL PCR	5.9~6.3 x 20~24	14,000	16,430	—
AF-2236 *1	36 x 1.5/2mL	9.5~11 x 36~42	15,000 (14,000)	21,880 (19,060) *3	—
	12 x 0.2mL PCR	5.9~6.3 x 20~24	15,000 (14,000)	15,340 (13,370)	—
	36 x 0.5mL	7~7.9 x 25~34	15,000 (14,000)	19,620 (17,090) *3	055-7590
	36 x 0.4mL	5.4~6.1 x 26~48	15,000 (14,000)	21,630 (18,850) *3	055-7580
AF-2048 *1	48 x 1.5/2mL	9.5~11 x 36~42	12,000 (11,500)	15,780 (14,490) *3	—
	48 x 0.5mL	7~7.9 x 25~34	12,000 (11,500)	14,330 (13,160) *3	055-7590
	48 x 0.4mL	5.4~6.1 x 26~48	12,000 (11,500)	15,620 (14,340) *3	055-7580

- \*1 0.2mL PCR tube can be used with adaptors (Code No. 055-0500).  
0.2mL PCR tube may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.  
\*2 When using 1.5mL tube at over 16,000rpm, use adaptors (Code No.055-6020).  
\*3 This is a speed of outside tube hole. Ask our distributor for details.

### Angle Rotor (for Conical Tubes)



\* Autoclavable (121°C)

#### AF-5004CH

4 x 50mL Conical tube  
15,000rpm/  
RCF 22,140xg  
Cap support structure which prevents 50mL conical tubes from breaking is adopted (patented).



\* Autoclavable (134°C)

#### AF-5004CS

Bio Sealed Rotor  
4 x 50mL Conical tube  
Various tubes can be used with adaptors.



\* Autoclavable (121°C)

#### AF-5004CA

4 x 50mL Conical tube



#### AF-5008C

8 x 50mL Conical tube

### Angle Rotor (Middle Volume)



\* Autoclavable (121°C)

#### AF-512 \*2

12 x 5mL



\* Autoclavable (121°C)

#### AF-5004R

4 x 50mL  
10mL anti-bio hazard sealing adaptors (code no. 055-4280) can be used.



\* Autoclavable (121°C)

#### AF-3806

6 x 38mL

\* The number of times allowed for autoclaving are limited. Please refer an instruction manual.



\* Autoclavable (121°C)

#### AF-1408A \*3

8 x 14mL

Rotor Name	Nominal Capacity	Tube size (mm) diam. x length	Maximum Speed rpm	Maximum RCF xg	Tube Rack Adaptor Code No.
AF-5004CH	4 x 50mL conical tube *1	30 x 117	15,000	22,140	—
	4 x 15mL conical tube	17 x 121	15,000	21,130	055-1250
AF-5004CS	4 x 50mL conical tube *1	30 x 117	12,000	14,970	—
	4 x 15mL conical tube	17 x 121	12,000	14,490	055-1280
AF-5004CA	4 x 50mL conical tube *1	30 x 117	12,000	14,170	—
	4 x 15mL conical tube	17 x 121	12,000	13,520	055-1280
AF-5008C	8 x 50mL conical tube *1	30 x 117	10,000 (9,500)	13,420 (12,110)	—
	8 x 15mL conical tube	17 x 121	10,000 (9,500)	13,190 (11,910)	055-1280
AF-512	12 x 5mL *2	15 x 59	15,000	20,880	—
AF-1408A	8 x 14mL *3	17 x 75~100	12,000	14,330	—
AF-5004R	4 x 50mL	28.5~29 x 102~115	15,000 (14,000)	21,880 (19,060)	—
	4 x 12mL	15.8~16.4 x 103~110	15,000 (14,000)	20,630 (17,970)	055-7410
	4 x 10mL	16~16.3 x 79~92	15,000 (14,000)	20,630 (17,970)	055-4280 *4
AF-3806	6 x 38mL	25.4~25.7 x 87~95	15,000 (14,500)	21,880 (20,450)	—

- \*1 As for 50mL conical tubes (PP), Iwaki, Greiner, Corning, Sarstedt, Falcon, Fisher, Labcon, Nunc, SUMILON tubes (cap diam.: 36mm or less) are available.  
With the use of adaptors (Code No.055-0890), Nalgene conical 35mL Oak Ridge tube 3146-0050 (PC), 3148-0050 (PPCO) are also available.  
\*2 BIO-BIC 5mL sampling tube and WATSON 5mL mega tube can be used.  
\*3 Falcon Round-Bottom Tube (Dual-position snap cap) 352006, 352018, 352059 are available.  
\*4 This 055-4280 adaptor is for anti-bio hazard.

Plate Rotors

PF-206



\* Autoclavable (121°C)

\* The number of times allowed for autoclaving are limited. Please refer an instruction manual.

Plate	Nominal Capacity	Plate size mm	Maximum Speed rpm	Maximum RCF xg	Adaptor Code No.
	2 x PCR plates *1 6 x Micro-plates 2 x Deep-well plates	86(W)×128(D)×52(H)	4,000	1,790	—

PF-745S



Ethanol precipitation at 3,100 xg  
Biohazard-proof shield cover is effective for biohazard-proof requirements (standard accessory).  
Double stack Deep-well plates can be used.

Plate	Nominal Capacity	Plate size mm	Maximum Speed rpm	Maximum RCF xg	Adaptor Code No.
	2 x PCR plates *1 12 x Micro-plates 4 x Deep-well plates	86(W)×128(D)×90(H)	4,200	3,100	Trays 055-6380 *2

\*1 Verify plate strength before centrifuging. Plates in lower position may fracture.  
\*2 Facilitates removing plates from buckets.

Trays Code No.055-6380 (optional)



Swinging Bucket Rotor

\* Autoclavable times are limited. Refer to operation and service manual.

Tube					
Nominal Capacity	24 x 1.5/2mL *1	16 x 5~10mL blood collecting tube/15mL *2	4 x 7~10mL blood collecting tube/10mL glass *3	4 x 7~10mL blood collecting tube/10mL glass *3	8 x 7~10mL blood collecting tube/10mL glass *3
Tube size (mm) diam. x length	9.5~11 x 36~42	12~17 x 65~105	12~17.2 x 86~110	12~17.8 x 87~110	12~17.2 x 86~110
Maximum Speed rpm	4,000	4,000	4,000	4,000	4,000
Maximum RCF xg	2,410	2,410	2,540	2,500	2,520
Bucket Code No.	053-4800	053-4930	053-4910	053-4990	053-4900
Adaptor Code No.	—	—	—	055-7400 *4 024-1400 (Rubber cushion)	—
SF-240 Max 4,000 rpm Max 2,610 xg	—	—	—	—	—

\* Autoclavable times are limited. Refer to operation and service manual.

Tube							
Nominal Capacity	4 x 15mL Conical tube	4 x 15mL Conical tube	4 x 15mL Conical tube	8 x 15mL Conical tube	8 x 50mL glass	4 x 50mL Conical tube	4 x 50mL Conical tube
Tube size (mm) diam. x length	17 x 121	17 x 121	17 x 121	17 x 121	27~37 x 95~110	30 x 117	30 x 117
Maximum Speed rpm	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Maximum RCF xg	2,580	2,590	2,590	2,580	2,540	2,610	2,610
Bucket Code No.	053-4910	053-5010	053-0040	053-4900	053-4990	053-0040	053-5010
Adaptor Code No.	—	055-1280	055-1280	—	—	—	—
SF-240 Max 4,000 rpm Max 2,610 xg	—	—	—	—	—	—	—

Equipped with sealing cap (patent pending)

Equipped with sealing cap (patent pending)

\*1 Tube support can be produced for special tube sizes. Contact our distributor.  
\*2 5-10mL Blood collecting tubes made by SEKISUI (Insepack II), Termo (Venoject II), Nipro (Neotube) or Beckton Dickinson (Vacutainer) can be used.  
\*3 7-10mL Blood collecting tubes made by SEKISUI (Insepack II), Termo (Venoject II), Nipro (Neotube) or Beckton Dickinson (Vacutainer) can be used.  
\*4 In case of using glass tube, rubber cushion 024-1400 is necessary.  
\*5 This is sealing-bucket and it is equipped with sealing cap and O-ring (silicon). Autoclavable at 121°C

# Rotor, Bucket, Tube Rack Table for Model 6200

		Tube			Flow Cytometer		24 x 8mL CPT cell preparation tube		80 x 10mL (glass)
Swinging bucket rotor	Nominal Capacity	36 x 1.5/2mL	72 x 1.5/2mL	80 x 1.5/2mL	68 x 5~7mL narrow blood collecting tube		24 x 8mL CPT cell preparation tube	80 x 10mL (glass)	
	Tube size (mm) diam. x length	9.5~11 x 36~42			12~13.7 x 62~110		13.5~15.8 x 81~130	12~13.8 x 65~95	
	Maximum Speed rpm	3,500/4,800	4,000	3,500	3,500		3,500	3,500	
	Maximum RCF x g	2,260/4,250	3,040	2,290	2,300		2,310	2,260	
	<b>SF-722</b> Max 3,500rpm Max 2,380 x g Autoclavable* Choose either bucket.	Tube Rack, Adaptor Code No. 053-5820 Bucket Code No. 053-5820 Buckets are optional.	—	—	055-4800 	Bucket Code No. 053-5840 	Adaptor Code No. 055-0260 *1	055-6900 *2	055-4740 
		Tube Rack, Adaptor Code No. 053-0020 Bucket Code No. 053-0020 Sealing caps and O-rings Code No.055-0964 Buckets and sealing caps are optional.	055-1190 	—	—	—	—	—	
	<b>SF-2504S</b> Max 4,800rpm Max 4,300 x g Autoclavable*	Tube Rack, Adaptor Code No. 055-0964 Bucket Code No. 055-0964 Sealing caps and O-rings Code No.055-0964 Buckets are equipped with rotor.	055-1190 	—	—	—	—	—	
	<b>SF-5004</b> Max 4,000rpm Max 3,080 x g Autoclavable*(Excluding buckets)	Tube Rack, Adaptor Code No. — Buckets and Sealing caps are equipped with rotor.	—	055-0770 	—	—	—	—	

\* The number of times allowed for autoclaving are limited. Please refer an instruction manual.

The maximum speed and maximum RCF of SF-722 indicated on the left in red. The maximum speed and maximum RCF of SF-2504S indicated on the right in blue.

		Tube			4 x 100mL (glass)		4 x 175/225mL Conical bottle	
Swinging bucket rotor	Nominal Capacity	4 x 50 mL Conical tube	12 x 50 mL Conical tube	16 x 50 mL Conical tube	4 x 100mL (glass)		4 x 175/225mL Conical bottle	
	Tube size (mm) diam. x length	30 x 117			38~46.5 x 83~120	38~46.5 x 113~120	61x118/61x137	
	Maximum Speed rpm	3,500/4,800	4,000	3,500	3,500	3,500/4,800	4,000	3,500/4,800
	Maximum RCF x g	2,260/4,250	3,040	2,330	2,300	2,260/4,250	2,990	2,260/4,250
	<b>SF-722</b> Max 3,500rpm Max 2,380 x g Autoclavable* Choose either bucket.	Tube Rack, Adaptor Code No. 053-5820 Bucket Code No. 053-5820 Buckets are optional.	—	—	055-6070 	055-4770 	—	—
		Tube Rack, Adaptor Code No. 053-0020 Bucket Code No. 053-0020 Sealing caps and O-rings Code No.055-0964 Buckets and sealing caps are optional.	055-1170 	—	—	—	055-1200 	*4
	<b>SF-2504S</b> Max 4,800rpm Max 4,300 x g Autoclavable*	Tube Rack, Adaptor Code No. 055-0964 Bucket Code No. 055-0964 Sealing caps and O-rings Code No.055-0964 Buckets are equipped with rotor.	055-1170 	—	—	—	055-1200 	*4
	<b>SF-5004</b> Max 4,000rpm Max 3,080 x g Autoclavable*(Excluding buckets)	Tube Rack, Adaptor Code No. — Buckets and Sealing caps are equipped with rotor.	—	055-0760 	—	—	055-1180 	—

\* The number of times allowed for autoclaving are limited. Please refer an instruction manual.

The maximum speed and maximum RCF of SF-722 indicated on the left in red. The maximum speed and maximum RCF of SF-2504S indicated on the right in blue.

68 x 10mL blood collecting tube/15mL (glass)	28 x 5~10mL blood collecting tube/15mL (glass)	48 x 5~10mL blood collecting tube/15mL (glass)	48 x 5~10mL blood collecting tube/15mL (glass)	16 x 15mL Conical tube	28 x 15mL Conical tube	28 x 15mL Conical tube	32 x 15mL Conical tube	4 x 50 mL (glass)	8 x 50 mL (glass)	12 x 50 mL (glass)
15~17.2x52~110	12~17.2x72~110			17x121				27~36.4x85~110		
3,500	3,500/4,800	3,500	4,000	3,500/4,800	3,500	4,000	3,500	3,500/4,800	3,500	4,000
2,300	2,200/4,150	2,330	2,990	2,270/4,280	2,300	3,060	2,330	2,200/4,150	2,330	2,970
Bucket Code No. 053-5840 	—	055-0880 	—	—	Bucket Code No. 053-5840 	—	055-4780 	—	055-4760 	—
—	055-1140 	—	—	055-1160 	—	—	—	055-1150 	—	—
—	055-1140 	—	—	055-1160 	—	—	—	055-1150 	—	—
—	—	—	055-0730 	—	—	055-0750 	—	—	—	055-0740 

This convenient tube rack can accommodate blood collecting tubes of various sizes (such as 5 mL, 7 mL, 10 mL), as well as 15 mL glass tubes.

- \*1 5-7mL blood collecting tubes made by SEKISUI (Insepack II), Termo (Venject II), Nipro (Neotube), Beckton Dickinson (Vacutainer) can be used. Tube for flow cytometry can also be used.
- \*2 Vacutainer 8 mL blood collecting tube for CPT cell separation (nominal φ16 x 125) made by Beckton Dickinson can be used.
- \*3 5-10 mL blood collecting tubes made by SEKISUI (Insepack II), Termo (Venject II), Nipro (Neotube), Beckton Dickinson (Vacutainer) can be used. Tube for flow cytometry can also be used.

4 x 175/200/225mL Conical bottle	4 x 250mL *7	4 x 250mL *7	4 x 250mL *7	4 x 500mL *8	4 x Self-Standing for sputum	Self-Standing for sputum			Self-Standing for sputum		
61x118/61x130/61x137	60~61.8x100~134.4			85x135	cap size φ48	cap size φ48	cap size φ37	cap size φ31	cap size φ48	cap size φ37	cap size φ31
3,500	4,000	3,500	3,500/4,800	4,000	3,500/4,800	4,000			3,500		
2,330	3,040	2,380	2,290/4,300	3,080	2,260/4,250	3,020			2,250	2,290	2,300
055-4850 	—	055-4850 	—	—	—	—	—	—	055-0430 	055-0440 	055-0450 
—	—	—	can be used without adaptors	—	055-1210 	—	—	—	—	—	—
—	—	—	can be used without adaptors	—	055-1210 	—	—	—	—	—	—
—	055-0780 	—	—	055-0780 	can be used without adaptors	—	055-0810 	055-0800 	055-0790 	—	—

- \*4 175/225 mL conical BD Falcon tubes (Catalogue No.352076/No.352075) require cushions (Catalogue No.352090). Sealing cap cannot be used with 225mL tubes.
- \*5 175/225 mL conical BD Falcon tubes (Catalogue No.352076/No.352075) require cushions (Catalogue No.352090).
- \*6 200 mL Nalgene bottles (Code No.376813) require cushions (Code No.377585).
- \*7 Nalgene and Herolab 250mL flat bottom bottles can be used.
- \*8 500mL bottles (Code No.K15501C/PPCO) can be used.

## Specifications

### Model 6200

- Maximum Speed ● 16,000 rpm
- Maximum RCF ● 23,470 xg
- Maximum Capacity ● 2,000 mL
- Control system ● Micro-processor control (brush-less motor)
  - Speed, RCF(g), Time, g·sec, Temperature, Acceleration and Deceleration, 5 memory banks
- Alarm display ● Lid open, Imbalance, Over speed, Rotor setting condition, Abnormally high temperature, Detected electrical abnormality in motor, inverter, lid interlock, speed sensor and temperature sensor
- Acceleration/Deceleration ● Three selectable rates : Rapid, Slow and Super Slow
  - Speed setting ● From 200 to 16,000 rpm, 10 or 100 rpm increments
- Speed indication ● Digital display, from 0 to 16,500 rpm, 10 rpm increments
- RCF setting ● From 10 to 23,470 xg, 10 or 100 xg increments
- RCF indication ● Digital display, from 0 to 24,960 xg, 10 xg increments
- Integrator setting and indication ● Digital display, from 1.00 - 9.99 x 10<sup>9</sup> g·sec
- Timer setting and indication ● Digital display, with HOLD function (continuous operation) and flashing
  - 1 second to 100 seconds, 1 sec increments
  - 100 seconds to 990 seconds, 10 sec increments
  - 1 minute to 100 minutes, 1 min increments
  - 100 minutes to 990 minutes, 10 min increments
- Temperature setting and indication ● Digital display, -20°C to +40°C, 1°C increments
  - Refrigerant ● R134a
- Power requirements ● Single phase 50/60 Hz, 110V±10% 15A, 220V±10% 10A, 230V±10% 10A
- Rated voltage and rated current ● 110V 7.9A, 220V 3.9A, 230V 3.8A
- Power consumption and heat output ● 720W 2.6 MJ/h
- Dimensions, weight ● 50(W) x 65(D) x 85(H) cm<sup>(※1)</sup>, 118 kg
- Certificates of conformity ● IEC 61010-2-020 (except when using AF-5008C)
  - CE Marking (AC220V and 230V Version, except when using AF-5008C)

(※1) Not including projections.


All specifications and external appearance are subject to change without notice.


\* Use only rotors, adaptors and tube racks made by KUBOTA. Do not attempt to use rotors, adaptors or tube racks made by other manufacturers.

\* Follow all instructions in the relevant Instruction & Service Manual when operating centrifuges.

## Kubota has acquired ISO 9001 and ISO 13485 certification.

<b>NOTE</b>	Products in this catalogue are designed for use by people having the requisite technical knowledge, and must always be used with care. People who do not have adequate technical knowledge or training should use our products only under appropriate supervision, or else hazards are likely to occur.
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 <b>DISCONTINUE USE INDICATIONS</b>	<p>Always discontinue use if any of the conditions listed at right are evident.</p> <ul style="list-style-type: none"> <li>• The rotor or bucket appears to be damaged or corroded.</li> <li>• The equipment emits a burnt smell.</li> <li>• You receive a minor electric shock when you touch the equipment with your bare hand.</li> <li>• Any other abnormality or indication of failure is noticed.</li> </ul>	<b>IMPORTANT</b>	<p>In the event of any observed abnormality in the equipment or its parts, to prevent occurrence of functional failure or accidents, immediately turn off the power switch, disconnect the power cable plug from the mains socket and contact your local distributor or Kubota Corporation if there is no local distributor in your neighbourhood.</p>
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 <b>Safety Precautions</b>	<p>For your safe use of the equipment, be sure to read the instruction manual carefully before you start operations.</p>	<p>Do not misplace the instruction manual. Keep the instruction manual nearby so you can refer to it whenever necessary.</p>
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• The term of supplying spare parts for repair is 10 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.

# KUBOTA CORPORATION

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