

**KUBOTA**

# Micro Refrigerated Centrifuge



**3740**  
**3700**

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



## What are the differences ?

### Model 3740

#### Remarkable multi-purpose model

4x50/15mL conical tubes with swing rotor and plate rotor can be used.

Maximum Speed – 15,000rpm

Maximum RCF – 22,140xg

Rotors available – 15 types

### Model 3700

#### Standard model

Standard micro refrigerated centrifuge in function and value.

Maximum Speed – 15,000rpm

Maximum RCF – 22,140xg

Rotors available – 12 types

The appearance of 3740 is almost same as that of 3700.

**2 models of line-up.**  
**One-touch rotor function enables exchanging rotors easily.**  
**Angle rotors are autoclavable.**  
**2 types of bio sealed rotors are available.**

- The memory flashing function allows storage of operating time (1sec. – 90 sec.) automatically and recall repeatedly.
- Pre-cooling function enables getting low temperature before experiment.
- Centrifuge can be operated by setting RCF (xg). Integration function g.sec value can be measured, and centrifuge can be operated by setting g.sec value.
- The centrifuges conform to the international safety standard IEC-61020-2-020.
- Automatic rotor identification
- Equipped with various sensors for safety. Stops at occurrence of an abnormality.
- Sample temperature is kept at 4 °C (at ambient temperature 25 °C). Refer to rotor list for details.

Model	3740	3700
Maximum Speed	15,000rpm	
Maximum RCF	22,140xg	
Maximum Capacity	228mL	
No. of rotors available	15	12
Control System	Microprocessor control (brushless motor) / Speed, RCF, Time, g.sec value, Temp, Acceleration/Deceleration (3 levels), 5 memory channels.	
Dimensions	37(W) x 50(D) x 79(H) cm Refrigerant R134a	
Weight	81kg	80kg

# Multi 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



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

Swinging Bucket



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

Angle Bucket



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

Combined angle Bucket for 8-strip PCR tubes



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

Horizontal Bucket



MF-2236 Rotor

## Multi Rotor MF-2236

	Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Bucket Code No.	Tube rack Adaptor Code No.
				Maximum rpm	Maximum RCF xg		
	<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.

## Bio Sealed Rotors

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.



Autoclavable (134°C) \*

### AF-2730

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-5004CS

4 x 50mL Conical tube

Various tubes can be used with adaptors.

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

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-2730	30 x 1.5/2mL	9.5~11.0 x 36~42	14,000	20,820	—
	14 x 0.5mL	7.0~7.9 x 25~34		17,530	—
	14 x 0.2mL PCR *1	5.9~6.3 x 20~24		16,430	—
	30 x 0.5mL	7.0~7.9 x 25~34	14,000	18,850	055-7590
	30 x 0.4mL	5.4~6.1 x 26~48	14,000	20,600	055-1240
	30 x 0.2mL PCR *2	5.9~6.3 x 20~24	14,000	16,870	055-0500

\*1 Inside 14 holes are for 0.5mL/0.2mL PCR x 14 tubes and outside 30 holes can be used together.

\*2 0.2mL PCR may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.

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

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-5004CS	4 x 50mL Conical tube	30 x 117 *1	12,000	14,970	—
	4 x 35mL Conical tube	28.6~28.8 x 105 *2	12,000	13,680	055-0890
	4 x 15mL Conical tube	17 x 121	12,000	14,490	055-1250 055-1280
	4 x 14mL	15.6~16.6 x 96 *3	12,000	13,850	055-0550
	4 x 12mL	15.8~16.4 x 103~110 *4	12,000	14,330	055-1120
	4 x Millipore Amicon Ultra-15	29.7 x 121	6,930	4,990	—
	4 x Sartorius Vivaspin 20	30 x 117	7,590	5,990	—

\*1 As for 50mL conical tubes (PP), Iwaki, Greiner, Corning, Sarstedt, Falcon, Fisher, Labcon, Nalgen tubes (cap diam. : 36mm or less) are available.

\*2 Nalgene conical 35mL Oak Ridge tube 3146-0050 (PC), 3148-0050 (PPCO) are also available.

\*3 Falcon Round-Bottom Tube (Dual-position snap cap) 352006, 352018, 352059 are also available.

\*4 Nalgene tube 3110-0120 (PPCO), 3117-0120 (PC) and Kubota stainless tube Code No.052-6900 are also available.

## Rotors for Conical Tubes

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



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).

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-5004CH	4 x 50mL Conical tube	30 x 117 *1	15,000	22,140	—
	4 x 50mL Round Bottom tube	26.4~28.7 x 98~115 *2	15,000	20,880	055-1110
	4 x 35mL Conical tube	28.6~28.8 x 105 *3	15,000	20,120	055-0890
	4 x 15mL Conical tube	17 x 121	15,000	21,130	055-1250
			12,000	13,520	055-1280
	4 x 14mL	15.6~16.6 x 96 *4	15,000	20,120	055-0550
	4 x 12mL	15.8~16.4 x 103~110 *5	15,000	20,880	055-1120
	4 x Millipore Amicon Ultra-15	29.7 x 121	7,130	5,000	—
	4 x Sartorius Vivaspin 20	30 x 117	7,810	6,000	—
	4 x Millipore Amicon Ultra-4	17.3 x 124	8,930	7,490	055-1250 055-1280
9,230			8,000	055-1250 055-1280	

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



Autoclavable (121°C) \*

### AF-5004CA

4 x 50mL Conical tube

4 x 50mL Conical tubes 50mL Conical tube with large cap is available.

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-5004CA	4 x 50mL Conical tube	30 x 117 *1	12,000	14,170	—
	4 x 35mL Conical tube	28.6~28.8 x 105 *3	12,000	12,880	055-0890
	4 x 15mL Conical tube	17 x 121	12,000	13,520	055-1250 055-1280
			12,000	12,880	055-0550
	4 x 12mL	15.8~16.4 x 103~110 *5	12,000	13,360	055-1120
	4 x Millipore Amicon Ultra-15	29.7 x 121	7,130	5,000	—
	4 x Sartorius Vivaspin 20	30 x 117	7,810	6,000	—
	4 x Millipore Amicon Ultra-4	17.3 x 124	8,930	7,490	055-1250 055-1280
			9,230	8,000	055-1250 055-1280

\*1 As for 50mL conical tubes (PP), Iwaki, Greiner, Corning, Sarstedt, Falcon, Fisher, Labcon, Nalgene tubes (cap diam. : 36mm or less) are available.

\*2 Nalgene tube 3110-0500 (PPCO), 3110-9500 (PPCO), 3117-9500 (PC) and Kubota stainless tube Code No. 052-6910 are also available.

\*3 Nalgene conical 35mL Oak Ridge tube 3146-0050 (PC), 3148-0050 (PPCO) are also available.

\*4 Falcon Round-Bottom Tube (Dual-position snap cap) 352006, 352018, 352059 are also available.

\*5 Nalgene tube 3110-0120 (PPCO), 3117-0120 (PC), Kubota stainless tube 052-6900 are also available.

## Micro Rotors

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



Autoclavable (121°C) \*

### AF-2018

18 x 1.5/2mL

Quick Acceleration: 6 seconds (3740), 9 seconds (3700)

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm *1	Maximum RCF xg	
AF-2018	18 x 1.5/2mL	9.5~11.0 x 36~42	15,000	20,630	—
	18 x 0.5mL	7.0~7.9 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
	18 x 0.2mL PCR *2	5.9~6.3 x 20~24	15,000	15,850	055-0500

\*1 Sample temperature maintained at 4°C at maximum speed of rotation (at 25°C ambient temperature).

\*2 0.2mL PCR may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.

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



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.

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm *1	Maximum RCF xg	
AF-2724A	24 x 1.5/2mL 12 x 0.5mL 12 x 0.2mL PCR *2	9.5~11.0 x 36~42	15,000	20,630	—
		7.0~7.9 x 25~34		16,850	—
		5.9~6.3 x 20~24		14,840	—
	24 x 0.5mL 24 x 0.4mL 24 x 0.2mL PCR *3	7.0~7.9 x 25~34	15,000	18,360	055-7590
		5.4~6.1 x 26~48	15,000	20,380	055-7580
		5.9~6.3 x 20~24	15,000	16,100	055-0500

\*1 Sample temperature maintained at 4°C at maximum speed of rotation (at 25°C ambient temperature).

\*2 Inside 12 holes are for 0.5mL/0.2mL PCR x 14 tubes and outside 24 holes can be used together.

\*3 0.2mL PCR may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.

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



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.

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm *1	Maximum RCF xg	
AF-2236	36 x 1.5/2mL	9.5~11.0 x 36~42	15,000	21,880	—
				18,360	
	12 x 0.2mL PCR *2	5.9~6.3 x 20~24	15,000	15,340	—
				19,620	
	36 x 0.5mL	7.0~7.9 x 25~34	15,000	16,100	055-7590
				21,630	
	36 x 0.4mL	5.4~6.1 x 26~48	15,000	18,110	055-7580
				17,360	
36 x 0.2mL PCR *3	5.9~6.3 x 20~24	15,000	13,840	055-0500	
			13,840		

\*1 Sample temperature maintained at 4°C at maximum speed of rotation (at 25°C ambient temperature).

\*2 Inside holes for 0.2mL PCR x 12 tubes and outside holes for 1.5/2mL x 24 tube can be used together.

\*3 0.2mL PCR may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.

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



Autoclavable (121°C) \*

### AF-2048

48 x 1.5/2mL

Useful for centrifuging heavy numbers of samples

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740		Adaptor Code No.
			Maximum Speed rpm *1	Maximum RCF xg *2	
AF-2048	48 x 1.5/2mL	9.5~11.0 x 36~42	12,000	15,780	—
				14,010	
	48 x 0.5mL	7.0~7.9 x 25~34	12,000	14,330	055-7590
				12,560	
	48 x 0.4mL	5.4~6.1 x 26~48	12,000	15,620	055-7580
				13,850	
48 x 0.2mL PCR *3	5.9~6.3 x 20~24	12,000	12,880	055-0500	
			11,110		

\*1 Sample temperature maintained at 4°C at maximum speed of rotation (at 25°C ambient temperature).

\*2 Max RCF of inside 24 holes are upper value and outside 24 holes are lower value in the table.

\*3 0.2mL PCR may not be able to used at maximum speed since 0.2mL PCR tube cannot hold at the maximum g force.

## Fixed Angle Rotor (5mL)

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



Autoclavable (121°C) \*

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-512	12 x 5mL	15 x 59 *	15,000	20,880	—

\* BIO-BIC 5mL sampling tube and WATSON 5mL mega tube can be used.

### AF-512

12 x 5mL

highly recommended for capacity shortage of using 2mL tube.

## Fixed Angle Rotor (Middle Size)

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



Autoclavable (121°C) \*

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-1408A	8 x 14mL	17 x 75~100 *	12,000	14,330	—

\* Falcon Round-Bottom Tube (Dual-position snap cap) 352006, 352018, 352059 are available.

### AF-1408A

8 x 14mL

Falcon Round-Bottom Tube (Dual-position snap cap) is available.

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



Autoclavable (121°C) \*

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-5004R	4 x 50mL	28.5~29.0 x 102~115*1	15,000	21,880	—
	4 x 12mL	15.8~16.4 x 103~110*2	15,000	20,630	055-7410
	4 x 10mL	16.0~16.3 x 79~92 *3	15,000	20,630	055-4280 *4

\*1 Nalgene tube 3110-0500 (PPCO), 3110-9500 (PPCO), 3114-0050 (FEP), 3115-0050 (PSF), 3117-9500 (PC), 3118-0050 (PC), 3119-0050 (PPCO), 3137-0050 (PSF), 3138-0050 (PC) and 3139-0050 (PPCO) are available.

\*2 Nalgene tube 3110-0120 (PPCO), 3117-0120 (PC) and Kubota stainless tube Code No. 052-6900 are available.

\*3 Nalgene tube 3114-0010 (FEP), 3115-0010 (PSF), 3118-0010 (PC) and 3119-0010 (PPCO) are available.

\*4 This 055-4280 adaptor is for anti-bio hazard.

### AF-5004R

4 x 50mL

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

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



Autoclavable (121°C) \*

Rotor Name	Nominal Capacity	Tube sizes (mm) diam. x length	3740/3700		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
AF-3806	6 x 38mL	25.2~25.7 x 87~103*1	15,000	21,880	—
	6 x 30mL	25.2~25.7 x 87~103*2	15,000	21,880	—
	6 x 10mL	16.0~16.6 x 72~82 *3	15,000	19,370	055-4570
	6 x 7mL	16.0~16.6 x 60~70 *4	15,000	17,860	055-4560

\*1 Nalgene tube 3110-0380 (PPCO) and 3117-0380 (PC) are available.

\*2 Nalgene tube 3114-0030 (FEP), 3115-0030 (PSF), 3118-0030 (PC), 3119-0030 (PPCO), 3137-0030 (PSF), 3138-0030 (PC) and 3139-0030 (PPCO) are available.

\*3 Nalgene tube 3114-0010 (FEP), 3115-0010 (PSF), 3118-0010 (PC), 3119-0010 (PPCO) are available.

\*4 Kubota tube 052-1180 (PP) is available.

### AF-3806

6 x 38mL

## Plate Rotors



Rotor Name	Nominal Capacity	Plate size mm	3740		Adaptor Code No.
			Maximum Speed rpm	Maximum RCF xg	
PF-206	2 x PCR plate	86(W)×128(D)×52(H)	4,000	1,790	—
	6 x Micro-plate *				
	2 x Deepwell-plate				

\* Verify plate strength before centrifuging. Plates in lower position may fracture.

### PF-206

2 x PCR plates  
6 x Micro-plate  
2 x Deepwell-plate

This stainless-steel bucket is good for chemical resistance.

## Swinging Bucket Rotor Exclusively used with 3740

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

Tube					
<b>Nominal Capacity</b>	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)	—
<b>SF-240</b> Max 4,000 rpm Max 2,610 xg	—	—	—	—	—

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

Tube							
<b>Nominal Capacity</b>	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	—	—	—	—
<b>SF-240</b> 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

## Specifications

### Model 3740/3700

- Maximum Speed ● 15,000rpm (3740/3700)
- Maximum RCF ● 22,140xg (3740/3700)
- Maximum Capacity ● 228mL
- Control system ● Micro-processor control (Brushless motor)
- Speed, RCF, Time, g-sec, Temp, Acceleration & Deceleration, 5 memory channels
- Abnormality detected display ● Lid open, Imbalance, Over speed, abnormally high temperature, Abnormal rotor setting, Function for detecting an occurrence of electrical abnormality in motor, inverter, lid interlock, speed sensor and temperature sensor.
- Acceleration / Deceleration ● Three-level switching; Rapid, Slow and Super Slow
- Speed setting ● Digital display, From 200 to 15,000rpm (3740/3700), 10rpm increments
- Speed indication ● Digital display, From 0 to 15,500rpm (3740/3700), 10rpm increments
- RCF setting ● Digital display, From 10 to 22,140xg (3740/3700), 10xg increments
- RCF indication ● Digital display, From 0 to 23,370xg (3740/3700), 10xg increments
- Integrator setting and indication ● Digital display, From 1.00 to 9.99 × 10<sup>9</sup> g · sec
- Timer setting and indication ● Digital display, with Hold and Memory Flashing
  - from 1 sec. to 100 sec., in 1 sec. increment setting and indication.
  - from 100 sec. to 990 sec., in 10 sec increments setting, in 1 sec. increments indication.
  - from 1 min. to 100 min., in 1 min. increment setting and indication.
  - from 100 min. to 990 min., in 10 min. increments setting, in 1 min. increments indication.
- Temperature setting and indication ● Digital display, 1 °C increments setting and indication from -20°C to 40°C
- Power requirements ● Single phase AC110V±10%, 115V±10%, 50/60Hz, 15A  
Single phase AC220V±10%, 230V±10%, 50/60Hz, 10A
- Rated voltage and Rated current ● 3700: 110/115V 8.5A, 220/230V 4.4A  
3740: 110/115V 10/9.6A, 220/230V 5.3/5.1A
- Power consumption and Heat output ● 3700: 110/115V 720W 2.6MJ/h, 220/230V 780W 2.8MJ/h  
3740: 110/115V 830W 3.0MJ/h, 220/230V 890W 3.2MJ/h
- Dimensions, weight ● 370(W) x 500(D) x 790(H) mm<sup>\*1</sup>, 80kg (3700), 81kg (3740)
- Certificates of conformity ● IEC 61010-2-020  
CE Marking (AC220V and 230V version)

(\*1) Those of projections are not included.

All specifications and external appearance subject to change without notice.


\* On Model 3700 and 3740 only use KUBOTA made rotor, adapter and tube rack. Do not attempt use rotors, adapters or tube racks made by other manufacturers.


\* The rotor mentioned in the catalogue is usable on other KUBOTA centrifuge models. For details, refer to the catalogues relevant to each model.

\* Follow instructions given in the relevant Instruction & Service Manual for operating centrifuges.

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

**NOTE** 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.

 <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

<http://www.centrifuge.jp>

29-9 Hongo 3-chome, Bunkyo-ku, Tokyo 113-0033, Japan

Tel +81 3 3815 1331 Fax +81 3 3814 2574

E-mail: f-trade@kubotacorp.co.jp