

Rotors & Accessories Selection Guide

Swing Out Rotors for Suprema 25 / 21



TS-4N

[Click Here](#)

1,800rpm : 510G

– Bucket –



S4096-02



TS-41N

[Click Here](#)

4,500rpm : 3,150G

Bucket

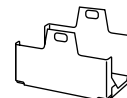


B241

Cover



Adapter



AS41-96D

* Bucket, Adapter and Cover are included.



TS-7N

[Click Here](#)

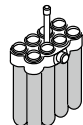
5,000rpm : 4,670G

■ Main Bucket and Rack

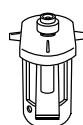
– Bucket –



7150-01



7115-08



SC-2

– Bucket and Rack –



B407



0705-FA10P



TS-33N

[Click Here](#)

5,000rpm : 4,720G

■ Main Bucket and Rack

– Bucket –

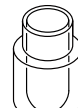


B433

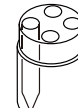
– Rack –



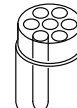
3314-04P



3350-G01P



3315-TC04P



3315-G07P

HS

CAP433-1

GASKET



* B433 bucket becomes a sealed bucket by using [Bucket cap kit B433].



TS-38N

[Click Here](#)

4,200rpm : 3,650G

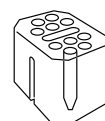
■ Main Bucket and Rack

– Bucket –

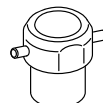


B438

– Rack –



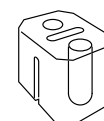
3815-10P



B438-29



B438-5002BH



3850-02P

Swing Out Rotors for Suprema 25



TS-36N

[Click Here](#)

3,900rpm : 3,110G

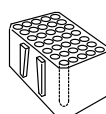
■ Main Bucket and Rack

– Bucket –



B436

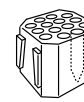
– Rack –



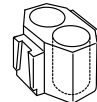
3606C-35P



3625C-01P



3615C-TC14P



3610C-G02P

* The above specifications show Max. speed, Max. RCF, and Max. capacity. These values may change according to combination of centrifuge, rotor, bucket, adapter, and tube.

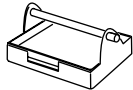
HS

B433 bucket using [Bucket cap kit B433], which has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

TS-4N



Applicable model	Suprema25 / Suprema21
Rotor capacity	2 buckets

Bucket	Bucket capacity	Max. Speed [rpm]	Max. RCF [G]	Rotating radius [mm]	
				Rmax	Rmin
Load dimensions (L×D×H) up to 128.5×86×32 mm  S4096-02	Microplate×2	1,800	510	142	—

Applicable Tube to TS-4N

Bucket	Adapter	Tube						BART Code	Actual Capacity[ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]						
S4096-02	—	—	—	Microplate	—	—	—	1	—	2×2	—	—	* 1

* 1 Prior to centrifugation, check the durability of plates in use.

TS-41N

Applicable centrifuge	Suprema25 / Suprema21
Rotor capacity	2 buckets

Bucket / Adapter	Bucket capacity	Max. Speed [rpm]	Max. RCF [G]	Rotating radius [mm]	
				Rmax	Rmin
Deepwell plate Load dimensions (L×D×H) up to 128.5×86×80 mm *1 Micro plate Load dimensions (L×D×H) up to 128.5×86×58 mm	Deepwell plate×1	4,500	3,150	139	—
 Bucket B241  Adapter AS41-96D  Cover	Micro plate×4				

*1 When centrifuging without covers, it accepts up to 2×2 deepwell plates and load dimensions (L×D×H) of 128.5×86×90mm.

Applicable Tube to TS-41N

Bucket	Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension ($\varphi \times L$ [mm])	Allowable RCF [G]						
B241	AS41-96D	—		Deepwell plate	—	—	—	1	—	1 × 2 deepwell plate	—	—	* 2 * 3
		—		Plate with filter	—	—	—	1	—	1 × 2 plates with filter	—	—	* 2
		—		Microplate	—	—	—	1	—	4 × 2 micro plates	—	—	* 2

* 2 Prior to centrifugation, check the durability of plates in use.

*3 When centrifuging without covers, it accepts up to 2×2 deepwell plates.

Applicable model	Suprema25 / Suprema21
Rotor capacity	4 buckets

Bucket capacity/ Bucket	Rack capacity/ Rack	Max. Speed [rpm]	Max. RCF [G]	Rotating radius [mm]	
				Rmax	Rmin
50 ml × 1 7050-01 *1	—	4,000	2,810	157	85
50 ml × 1 7150-01 *2	—	5,000	4,670	167	74
50 ml × 2 7050-02 *1	—	3,500	2,150	157	85
50 ml × 1	—	3,500	2,160	158	70
15 ml × 4 7M5015-1 *3	—	3,500	2,370	173	78
15 ml × 8 7115-08 *4	—	3,500	2,380	174	79
15 ml × 8 7015-08 *5	—	3,500	2,190	160	85
15 ml × 6 7215-06 *6	—	3,600	2,430	168	78
15 ml × 6 7015-06 *5	—	3,600	2,320	160	85
B407	5 ml × 10 Veno-Ject II Tube 0705-10P	3,100	1,670	155	115
	5 ml × 10 0705-FA10P	3,100	1,670	155	115
SC-2 Collection bucket of floating cells	—	1,600	420	145	—

*1 Aluminum sleeve

*2 Stainless steel sleeve

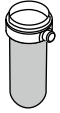
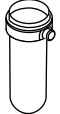
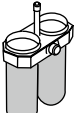
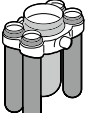
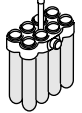
*3 Aluminum sleeve(silver and gold)

*4 Aluminum sleeve(gold)

*5 Aluminum sleeve(silver)

*6 Aluminum sleeve(blue)

Applicable Tube to TS-7N ①

Bucket	Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks			
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]									
7050-01 	Adapter		NEG	(G)	R	φ 35 × 100	—	3	50	1 × 4	4,000	2,810(157)	* 1			
			FLC	352070 (PP)	C	φ 30 × 115	9,400									
			COR	430291 (PP)	C	φ 29 × 116	15,500									
				430304 (PET)	C	φ 29 × 116	3,600									
	A1500-04		NEG	P-16.5S (G)	R	φ 16.5 × 105	—		15	1 × 4						
7150-01 	Adapter		NEG	(G)	R	φ 35 × 100	—	2	50	1 × 4	5,000	4,670(167)	* 1			
			COR	430304 (PET)	C	φ 29 × 116	3,600				4,300	3,450(167)				
			FLC	352070 (PP)	C	φ 30 × 115	9,400									
			COR	430291 (PP)	C	φ 29 × 116	15,500									
	A1500-04		NEG	P-16.5S (G)	R	φ 16.5 × 105	—		15	1 × 4	5,000	4,670(167)				
	7050-02 	Adapter		NEG	(G)	R	φ 35 × 100		—	1	50	2 × 4		3,500	2,150(157)	* 1
				FLC	352070 (PP)	C	φ 30 × 115		9,400							
COR				430291 (PP)	C	φ 29 × 116	15,500									
				430304 (PET)	C	φ 29 × 116	3,600									
A1500-04			NEG	P-16.5S (G)	R	φ 16.5 × 105	—	15	2 × 4							
7M5015-1 	Adapter		NEG	(G)	R	φ 35 × 100	—	d	50	1 × 4	3,500	2,150(157)	* 1			
			FLC	352070 (PP)	C	φ 30 × 115	9,400				3,500	2,160(158)				
			COR	430291 (PP)	C	φ 29 × 116	15,500									
				430304 (PET)	C	φ 29 × 116	3,600									
	A1500-04		NEG	P-16.5S (G)	R	φ 16.5 × 105	—		15	1 × 4				3,500	2,340(171)	
		NEG	P-16.5S (G)	R	φ 16.5 × 105	—	15		1 × 4							
			COR	430053 (PET)	C	φ 16 × 120	3,600		15	4 × 4	3,500	2,370(173)				
			COR	430766 (PP)	C	φ 16 × 120	12,000									
			COR	430791 (PP)	C	φ 16 × 120	12,000									
	FLC	352196 (PP)	C	φ 17 × 120	6,000											
	7115-08		FLC	352095 (PS)	C	φ 17 × 120	1,800		3,000	1,740(173)						
7115-08 		NEG	P-16.5S (G)	R	φ 16.5 × 105	—	4	15	8 × 4	3,500	2,380(174)					
			COR	430053 (PET)	C	φ 16 × 120						3,600				
			COR	430766 (PP)	C	φ 16 × 120						12,000				
			COR	430791 (PP)	C	φ 16 × 120						12,000				
		FLC	352196 (PP)	C	φ 17 × 120	6,000				3,000	1,750(174)					
		FLC	352095 (PS)	C	φ 17 × 120	1,800										
		7015-08 		NEG	P-16.5S (G)	R						φ 16.5 × 105	—	5	15	8 × 4
	COR			430053 (PET)	C	φ 16 × 120	3,600									
	COR			430766 (PP)	C	φ 16 × 120	12,000									
	COR			430791 (PP)	C	φ 16 × 120	12,000									
	FLC		352196 (PP)	C	φ 17 × 120	6,000	3,100	1,720(160)								
	FLC		352095 (PS)	C	φ 17 × 120	1,800										

*1 Contact TOMY for more information.

*2 Only four holes of the center of the bucket can be used.

Applicable Tube to TS-7N ②

Bucket	Rack	Tube						BART Code	Actual Capacity[ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks	
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ×L [mm])	Allowable RCF [G]							
7215-06 	 15ml	NEG	P-16.5S (G)	R	φ 16.5×105	—	A	15	6 × 4	3,600	2,430(168)			
		COR	430053 (PET)	C	φ 16×120	3,600								
			430766 (PP)	C	φ 16×120	12,000								
			430791 (PP)	C	φ 16×120	12,000								
			352196 (PP)	C	φ 17×120	6,000								
			352095 (PS)	C	φ 17×120	1,800								
7015-06 	 15ml	NEG	P-16.5S (G)	R	φ 16.5×105	—	6	15	6 × 4	3,600	2,320(160)	* 1		
		COR	430053 (PET)	C	φ 16×120	3,600								
			430766 (PP)	C	φ 16×120	12,000								
			430791 (PP)	C	φ 16×120	12,000								
			352196 (PP)	C	φ 17×120	6,000								
			352095 (PS)	C	φ 17×120	1,800								
B407 	0705-10P 	 5ml	TER	Veno-Ject II Tube (PET)	R	φ 13.2×80.3	3,000	C	5	10 × 4	3,100	1,670(155)		
	0705-FA10P 	 5ml	FLC	352052 (PS)	R	φ 12×75	1,400	B	5	10 × 4	2,800	1,360(155)		
				352008 (PS)	R	φ 12×75	1,400							
				352058 (PS)	R	φ 12×75	1,400							
				352235 (PS)	R	φ 12×75	1,400							
				352002 (PP)	R	φ 12×75	3,000							
				352053 (PP)	R	φ 12×75	3,000							
				352063 (PP)	R	φ 12×75	3,000				3,100	1,670(155)		
	SC-2  Collection bucket of floating cells	8ml		—					9	8	1 × 4	1,600	420(145)	

* 1 Only four holes of the center of the bucket can be used.

TS-33N

Applicable model	Suprema25 / Suprema21
Rotor capacity	4 buckets

Bucket capacity/ Bucket	Rack capacity/ Rack	Max. Speed [rpm]	Max. RCF [G]	Rotating radius [mm]	
				Rmax	Rmin
B433 250 ml × 1 	—	5,000	4,720	169	82
	50 ml Conical Tube × 1 3350-TC01P 	5,000	4,670	167	74
	50 ml × 1 3350-G01P 	5,000	4,500	161	74
	15 ml Conical Tube × 4 3315-TC04P 	5,000	4,670	167	74
	15 ml × 7 PAXgene Blood RNA Tube 3315-G07P 	5,000	4,500	161	78
	14 ml × 4 3314-04P 	4,000	2,990	167	105
	7 ml × 7 Veno-Ject II Tube 3307-07P 	4,100	2,990	159	85
	5 ml × 7 Veno-Ject II Tube 3305-07P 	4,200	2,900	147	91
Bucket cap kit B433 ^{*1}  	Component CAP433-1 GASKET  	—			

*1 B433 bucket becomes a sealed bucket by using [Bucket cap kit B433].

 B433 bucket using [Bucket cap kit B433], which has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

Applicable Tube to TS-33N

Bucket	Rack / Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]						
	—	 250ml	NAL	3120-0250 (PPCO)	F	φ61.8×127.7	13,200	1	250	1×4	5,000	4,720 (169)	*1
				3121-0250 (HDPE)	F	φ61.2×131.9	8,000						
				3122-0250 (PC)	F	φ61.8×127.6	27,500						
				3127-0250 (FEP)	F	φ60.0×128.8	4,000				4,600	4,000 (169)	
	 Adapter (352090)	 225ml	FLC	352075 (PP)	C	φ61×137	7,500	1	225	1×4	5,000	4,720 (169)	
		 175ml	FLC	352076 (PP)	C	φ61×118	7,500						
	 3350-TC01P	 50ml	COR	430291 (PP)	C	φ29×116	15,500	2	50	1×4	5,000	4,670 (167)	
				430304 (PET)	C	φ29×116	3,600				4,300	3,450 (167)	
				430829 (PP)	C	φ29×116	15,500				5,000	4,670 (167)	
			FLC	352070 (PP)	C	φ30×115	9,400						
	 3350-G01P	 50ml	NEG	(G)	R	φ35×100	—	3	50	1×4	5,000	4,500 (161)	
	 3315-TC04P	 15ml	COR	430053 (PET)	C	φ16×120	3,600	4	15	4×4	4,300	3,450 (167)	
				430766 (PP)	C	φ16×120	12,000				5,000	4,670 (167)	
				430791 (PP)	C	φ16×120	12,000						
		 15ml	FLC	352095 (PS)	C	φ17×120	1,800				3,100	1,790 (167)	
				352196 (PP)	C	φ17×120	6,000				5,000	4,670 (167)	
	 3315-G07P	 15ml	NEG	P-16.5S (G)	R	φ16.5×105	—	5	15	7×4	5,000	4,500 (161)	
		 2.5ml	BDC	PAXgene blood collection tube (PET)	R	φ15.3×105.8	5,000		2.5				
	 3314-04P	 14ml	FLC	352017 (PS)	R	φ17×100	1,400	6	14	4×4	2,700	1,360 (167)	
				352057 (PS)	R	φ17×100	1,400						
				352018 (PP)	R	φ17×100	3,000				4,000	2,990 (167)	
				352059 (PP)	R	φ17×100	3,000						
	 3307-07P	 7ml	TER	Veno-Ject II Tube 7ml (PET)	R	φ13.2×101.6	1,200	8	7	7×4	4,100	2,990 (159)	
	 3305-07P	 5ml		Veno-Ject II Tube 5ml (PET)	R	φ13.2×80.3	1,200	7	5	7×4	4,200	2,900 (147)	
Bucket cap kit B433 *2			Component		CAP433-1 GASKET								

*1 Only be used at the set temp of 4°C.

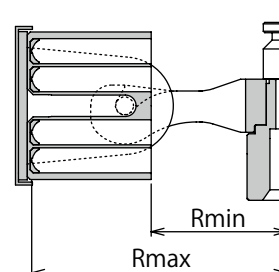
*2 B433 bucket becomes a sealed bucket by using [Bucket cap kit B433].

B433 bucket using [Bucket cap kit B433], which has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

TS-38N



Applicable model	Suprema25 / Suprema21
Rotor capacity	4 buckets



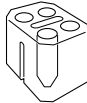
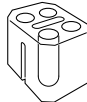
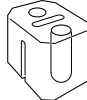
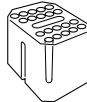
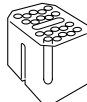
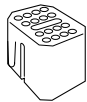
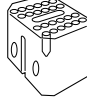
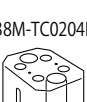
* Figure shows an example of how 3815-10P is used in B438.

Bucket capacity/ Bucket	Rack capacity/ Rack	Max. Speed [rpm]	Max. RCF [G]	Rotating radius [mm]	
				Rmax	Rmin
B438 	50 ml Conical Tube × 4 3850-04P 	3,500	2,380	174	92
	50 ml × 4 3850-N04P 	3,500	2,380	174	92
	50 ml × 2 3850-02P 	3,500	2,380	174	92
	15 ml Conical Tube × 10 3815-10P 	3,500	2,380	174	92
	15 ml × 16 3815-16P 	3,500	2,370	173	92
	6 ml × 20 3806-EK20P 	3,500	2,330	170	92
	10 ml × 20 3810-N20P 	3,500	2,270	166	92
	5 ml × 16 3805-FA16P 	3,500	2,080	152	92
	2 ml × 24 3802-EP24P 	3,500	1,780	130	92
	50 ml Conical Tube × 2 15 ml Conical Tube × 4 38M-TC0204P 	3,500	2,380	174	92
	5 to 10 ml Collection Tube × 14 3810M-14P 	3,500	2,380	174	92
250 ml × 1 B438-29 	—	4,200	3,650	185	94
50 ml Conical Tube × 2 15 ml Conical Tube × 2 B438-5002BH 	—	4,000	3,310	185	99
15 ml Conical Tube × 7 B438-1507BH 	—	4,000	3,310	185	99
Microplate × 1 B438-96 Load dimensions(L×D×H) up to 128.5×86×33 mm 	—	4,200	3,100	157	—

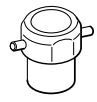
 has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

 adopted a hermetically sealed structure equivalent to  rotors designed and tested in accordance with the International Standard (Annex AA of the IEC 61010-2-020) to offer excellent sealing performance.

Applicable Tube to TS-38N ①

Bucket	Rack / Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks	
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]							
	 3850-04P	 50ml	COR	430291 (PP)	C	φ 29×116	15,500	1	50	4×4	3,500	2,380 (174)		
				430304 (PET)	C	φ 29×116	3,600							
				430829 (PP)	C	φ 29×116	15,500							
			FLC	352070 (PP)	C	φ 30×115	9,400							
	 3850-N04P	 50ml	NAL	3118-0050 (PC)	R	φ 28.8×107	50,000	2	40	4×4	3,500	2,380 (174)		
				3119-0050 (PPCO)	R	φ 28.8×106.7	50,000							
	 3850-02P	 50ml	NEG	(G)	R	φ 35×100	-	3	50	2×4	3,500	2,380 (174)		
	 3815-10P	 15ml	COR	430053 (PET)	C	φ 16×120	3,600	4	15	10×4	3,500	2,380 (174)		
				430766 (PP)	C	φ 16×120	12,000							
				430791 (PP)	C	φ 16×120	12,000							
			FLC	352095 (PS)	C	φ 17×120	1,800				3,000	1,750 (174)		
				352196 (PP)	C	φ 17×120	6,000				3,500	2,380 (174)		
	 3815-16P	 15ml	NEG	P-16.5S (G)	R	φ 16.5×105	-	5	15	16×4	3,500	2,370 (173)		
	 3806-EK20P	 6ml	EIK	JA1000 (PS)	R	φ 14.5×83	-	6	6	20×4	3,500	2,330 (170)		
				JA2000 (PS)	R	φ 14.5×83	-							
				JA3000 (PS)	R	φ 14.5×83	-							
				JA4000 (PS)	R	φ 14.5×83	-							
	 3810-N20P	 10ml	NAL	3118-0010 (PC)	R	φ 16.1×81.7	50,000	7	8	20×4	3,500	2,270 (166)		
				3119-0010 (PPCO)	R	φ 16.0×81.4	50,000							
	 3805-FA16P	 5ml	FLC	352002 (PP)	R	φ 12×75	3,000	E	5	16×4	3,500	2,080 (152)		
				352053 (PP)	R	φ 12×75	3,000							
				352063 (PP)	R	φ 12×75	3,000							
				352008 (PS)	R	φ 12×75	1,400				2,800	1,330 (152)		
				352052 (PS)	R	φ 12×75	1,400							
				352058 (PS)	R	φ 12×75	1,400							
				352235 (PS)	R	φ 12×75	1,400							
		 4ml	SIO	Shionogi Tube (PS)	R	φ 12×72	-				4	3,500		2,080 (152)
	 3802-EP24P	 2ml	EPP	Safe-Lock Tube (PP)	C	φ 11×42	25,000	9	2	24×4	3,500	1,780 (130)		
			EPP	Safe-Lock Tube (PP)	C	φ 11×41.5	25,000							
				Microtube 3810 (PP)	C	φ 11×41.5	25,000							
	 38M-TC0204P	 50ml	COR	430291 (PP)	C	φ 29×116	15,500	F	50	2×4	3,500	2,380 (174)		
				430304 (PET)	C	φ 29×116	3,600							
				430829 (PP)	C	φ 29×116	15,500							
			FLC	352070 (PP)	C	φ 30×115	9,400							
		 15ml	COR	430053 (PET)	C	φ 16×120	3,600		15	4×4	3,500	2,380 (174)		
				430766 (PP)	C	φ 16×120	12,000							
				430791 (PP)	C	φ 16×120	12,000							
			FLC	352095 (PS)	C	φ 17×120	1,800				3,000	1,750 (174)		
				352196 (PP)	C	φ 17×120	6,000				3,500	2,380 (174)		

Applicable Tube to TS-38N ②

Bucket	Rack / Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks	
		Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]							
B438 	3810M-14P 	5ml	SEK	Insepack II ,rubber cap (PET)	R	φ 12.7 × 75	3,000	G	3	14 × 4	3,500	2,380 (174)		
				Insepack II ,cover cap (PET)	R	φ 12.7 × 75.6	3,000		2					
			NIP	Neotube (PET)	R	φ 12.8 × 75	3,000		4					
			TER	Veno-Ject II Tube (PET)	R	φ 13.2 × 78	3,000		5					
			BDC	Vacutainer (G,PET)	R	φ 13.0 × 75	3,000		5					
		7ml	SEK	Insepack II ,rubber cap (PET)	R	φ 13.3 × 100	3,000		5					
				Insepack II ,cover cap (PET)	R	φ 12.7 × 100	3,000		5.5					
			NIP	Neotube (PET)	R	φ 12.8 × 100	3,000		5.5					
					R	φ 15.5 × 75	3,000		6					
			TER	Veno-Ject II Tube (PET)	R	φ 13.2 × 100	3,000		7					
		BDC	Vacutainer (G,PET)	R	φ 13.0 × 100	3,000	7							
		10ml	SEK	Insepack II ,rubber cap (PET)	R	φ 16.2 × 100	3,000		8					
				Insepack II ,cover cap (PET)	R	φ 15.8 × 100	3,000		8					
			NIP	Neotube (PET)	R	φ 15.5 × 100	3,000		9					
			TER	Veno-Ject II Tube (PET)	R	φ 15.6 × 100	3,000		10					
			BDC	Vacutainer (G,PET)	R	φ 16.0 × 100	3,000		10					
B438-29 	—		250ml	NAL	3120-0250 (PPCO)	F	φ 61.8 × 127.7	13,200	A	250	1 × 4	4,200	3,650 (185)	* 1
					3121-0250 (HDPE)	F	φ 61.2 × 131.9	8,000						
					3122-0250 (PC)	F	φ 61.8 × 127.6	27,500						
					3127-0250 (FEP)	F	φ 60.0 × 128.8	4,000						
	Adapter (3124-0010)		250ml	NAL	3123-0250 (PC)	R	φ 61.9 × 145.8	27,500		3,590 (182)				
	Adapter (352090)		225ml	FLC	352075 (PP)	C	φ 61 × 137	7,500		225			3,650 (185)	
						175ml	FLC	352076 (PP)		C				
	B438-5002BH HS 	—		50ml				COR		430291 (PP)			C	φ 29 × 116
430304 (PET)					C	φ 29 × 116	3,600							
FLC					430829 (PP)	C	φ 29 × 116	15,500						
					352070 (PP)	C	φ 30 × 115	9,400						
—			15ml	COR	430053 (PET)	C	φ 16 × 120	3,600	15	2 × 4	4,000	3,310 (185)		
					430766 (PP)	C	φ 16 × 120	12,000						
				FLC	430791 (PP)	C	φ 16 × 120	12,000						2,900
					352095 (PS)	C	φ 17 × 120	1,800			4,000	3,310 (185)		
							352196 (PP)	C			φ 17 × 120	6,000		
B438-1507BH HS 	—		15ml	COR	430053 (PET)	C	φ 16 × 120	3,600	C	15	7 × 4	4,000	3,310 (185)	
					430766 (PP)	C	φ 16 × 120	12,000						
					430791 (PP)	C	φ 16 × 120	12,000						
				FLC	352095 (PS)	C	φ 17 × 120	1,800				2,900	1,740 (185)	
					352196 (PP)	C	φ 17 × 120	6,000				4,000	3,310 (185)	
B438-96 	—	—	—	Microplate	—	—	—	D	—	1 × 4	—	— (—)	* 2	

* 1 Only be used at the set temp of 4℃. * 2 Prior to centrifugation, check the durability of plates in use.

 has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

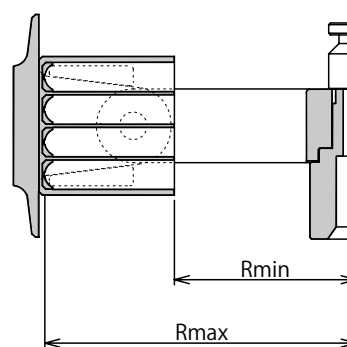
 adopted a hermetically sealed structure equivalent to  rotors designed and tested in accordance with the International Standard (Annex AA of the IEC 61010-2-020) to offer excellent sealing performance.

TS-36N

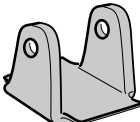
TOMY

Applicable model	Suprema25
Rotor capacity	4 buckets

* Bucket B436 is included.



* Figure shows an example of use for 3650-G05P

Bucket capacity/ Bucket	Rack capacity/ Rack	Max. Speed [rpm]	Max. RCF [G]	Rotating radius [mm]		Remarks	
				Rmax	Rmin		
B436 	250 ml × 1 3625C-01P		3,900	3,080	181	106	
	100 ml × 2 3610C-G02P		3,900	3,040	179	106	
	50 ml × 5 3650-G05P		3,900	3,010	177	106	
	50 ml Conical Tube × 5 15 ml Conical Tube × 2 3650-TC05P		3,900	3,110	183	106	* 1
	15 ml × 16 3615-G16P		3,900	3,100	182	106	
	15 ml Conical Tube × 14 3615-TC14P		3,900	3,110	183	106	
	14 ml × 18 3614C-18P		3,900	2,990	176	118	
	6 ml × 35 3606C-35P		3,900	3,110	183	124	
	5 ml × 48 3605C-48P		3,900	3,110	183	130	
	2 ml × 36 3602C-36P		3,900	2,860	168	130	
	Deepwell plate × 2 *2 Microplate × 4 *3 AS36C-96D		3,900	3,100	182	—	*2 *3

*1 Up to 4×50 ml and 2×15 ml tubes can be loaded together.

*2 Load dimensions (L×D×H) are up to 128.5×86×90mm.

*3 Load dimensions (L×D×H) are up to 128.5×86×58mm.

Applicable Tube to TS-36N ①

Bucket	Rack	Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks
			Nominal Capacity [ml]	Mfr. abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]						
B437	3625C-01P	 (3124-0010)	 250ml	NAL	3123-0250 (PC)	R	φ61.9×145.8	27,500	1	250	1×4	3,900	3,030 (181)	* 1
		 250ml	NAL	3120-0250 (PPCO)	F	φ61.8×127.7	13,200	* 2						
				3121-0250 (HDPE)	F	φ61.2×131.9	8,000							
				3122-0250 (PC)	F	φ61.8×127.6	27,500							
				3127-0250 (FEP)	F	φ60×128.8	4,000							
		 (352090)	 225 ml	FLC	352075 (PP)	C	φ61×137	7,500	1	225	1×4	3,900	3,080 (178)	* 3
			 175ml	FLC	352076 (PP)	C	φ61×118	7,500						
		3610C-G02P	 100ml	NEG	(G)	R	φ45×120	—	2	100	2×4	3,900	3,040 (179)	
		3650-TC05P	 50ml	COR	430291 (PP)	C	φ29×116	15,500	4	50	5×4	3,900	3,110 (183)	
					430304 (PET)	C	φ29×116	3,600						
	430829 (PP)				C	φ29×116	15,500							
	FLC			352070 (PP)	C	φ30×115	9,400							
	 15ml		COR	430053 (PET)	C	φ16×120	3,600	4	15	2×4	3,900	3,110 (183)		
				430766 (PP)	C	φ16×120	12,000							
				430791 (PP)	C	φ16×120	12,000							
			FLC	352196 (PP)	C	φ17×120	6,000							
	3650-G05P	 50ml	NEG	(G)	R	φ35×100	—	3	50	5×4	3,900	3,010 (177)		
	3615-G16P	 15ml	NEG	P-16.5S (G)	R	φ16.5×105	—	5	15	16×4	3,900	3,100 (182)		
	3615-TC14P	 15ml	COR	430053 (PET)	C	φ16×120	3,600	6	15	14×4	3,900	3,110 (183)		
				430766 (PP)	C	φ16×120	12,000							
				430791 (PP)	C	φ16×120	12,000							
			FLC	352196 (PP)	C	φ17×120	6,000							
				352095 (PS)	C	φ17×120	1,800							
	3614C-18P	 14ml	FLC	352057 (PS)	R	φ17×100	1,400	7	14	18×4	3,900	2,600	1,330 (176)	
				352059 (PP)	R	φ17×100	3,000					3,900	2,990 (176)	
				352017 (PS)	R	φ17×100	1,400					2,600	1,330 (176)	
				352018 (PP)	R	φ17×100	3,000					3,900	2,990 (176)	

* 1 For use with 3123-0250NALGENE 250ml tubes,an optional Adapter 3124-0010 is required.

* 2 Only be used at the set temp of 4℃.

* 3 An optional Conical Tube Adapter (BD Falcon Tube Cushion,Cat.No,352090) is required.

Applicable Tube to TS-36N ②

Bucket	Rack	Adapter	Tube						BART Code	Actual Capacity [ml]	Max. Number × Places	Allowable Speed [rpm]	Max. RCF [G] (Radius [mm])	Remarks
			Nominal Capacity [ml]	Mfr abbr.	Model name (Material)	Bottom Shape	Tube Dimension (φ × L [mm])	Allowable RCF [G]						
	3606C-35P 		 6 ml	EIK	JA1000 (PS) JA2000 (PS) JA3000 (PS) JA4000 (PS)	R	φ 14.5 × 83	—	8	6	35 × 4	3,900	3,110 (183)	
	3605C-48P 		 5 ml	FLC	352002 (PP)	R	φ 12 × 75	3,000	9	5	48 × 4	3,800	2,950 (183)	* 1
					352053 (PP)	R	φ 12 × 75	3,000						
					352063 (PP)	R	φ 12 × 75	3,000						
					352058 (PS)	R	φ 12 × 75	1,400			24 × 4			
					352235 (PS)	R	φ 12 × 75	1,400				2,600	1,380 (183)	
					352008 (PS)	R	φ 12 × 75	1,400						
					352052 (PS)	R	φ 12 × 75	1,400			48 × 4			
			 4 ml	SIO	Shionogi Tube (PS)	R	φ 12 × 72	—		4	48 × 4	3,900	3,110 (183)	
	3602C-36P 		 2 ml	EPP	Safe-Lock Tube (PP)	C	φ 11 × 42	25,000	A	2	36 × 4	3,900	2,860 (168)	
			 1.5 ml	EPP	Safe-Lock Tube (PP)	C	φ 11 × 41.5	25,000						
					Microtube 3810 (PP)	C	φ 11 × 41.5	25,000						
	AS36C-96D 		—	—	Deepwell plate	—	—	—	b		2 × 4	—	— (—)	* 2
					Microplate						4 × 4			

* 1 Use the rack hole alternately.

* 2 Prior to centrifugation, check the durability of plates in use.

Symbols in the Table

Manufacturer Abbreviation

BDC : Becton, Dickinson and Company.
 BEC : BECKMAN COULTER ,INC.
 COR : CORNING INTERNATIONAL CORP.
 EIK : EIKEN CHEMICAL CO., LTD.
 EPP : EPPENDORF AG
 FLC : Falcon/CORNING INTERNATIONAL CORP.
 HER : Herolab GmbH Laborgeraete
 HIT : Eppendorf Himac Technologies CO., LTD.
 IED : IEDA TRADING CORPORATION
 INA : Ina-optika corporation.
 IWA : Iwaki/AGC TECHNO GLASS CO., LTD.
 NAL : NALGENE/ Thermo Fisher Scientific K.K.
 NEG : NICHIDEN-RIKA GLASS CO., LTD.
 NIP : NIPRO CORPORATION
 NUC : NUNC / Thermo Fisher Scientific K.K.
 SEK : SEKISUI MEDICAL CO., LTD.
 SIO : SHIONOGI & CO., LTD.
 SUM : SUMITOMO BAKELITE COMPANY LIMITED
 TER : TERUMO CORPORATION
 TOM : TOMY SEIKO CO., LTD.
 TRE : TOHO KK.
 WAT : WATSON CO., LTD.

Materials

FEP : Teflon FEP	G : Glass	HDPE : High-density Polyethylene
PA : Polyallomer	PC : Polycarbonate	PET : Polyethylene Terephthalate
PP : Polypropylene	PS : Polystyrene	PPCO : Polypropylene Copolymer
PSF : Polysulfone	SS : Stainless Steel	

Bottom shape

C : Conical	F : Flat	R : Round
-------------	----------	-----------

* The specifications of the tube listed in the applicable tube table indicate the nominal value of the manufacturer.

* If the specifications of the tube have been changed by the manufacturer, it may not be able to fulfill all the conditions stated in the tables. For the latest specifications of the tube, please ask the manufacturer.