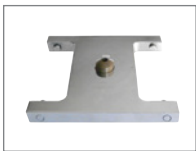


Rotors & Accessories Selection Guide

Swing Out Rotors for NIX-521



TS-4C

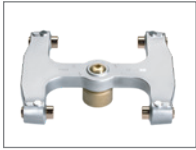
[Click Here](#)

1,800rpm : 510G

– Bucket –



S4096-02



TS-41C

[Click Here](#)

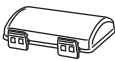
4,400rpm : 3,010G

Bucket



B241

Cover



Adapter



AS41-96D

* Bucket,Adapter and Cover are included.



TS-7C

[Click Here](#)

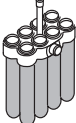
5,000rpm : 4,670G

■ Main Bucket and Rack

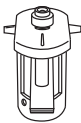
– Bucket –



7150-01



7115-08



SC-2

– Bucket and Rack –



B407



0705-FA10P



TS-33C

[Click Here](#)

4,800rpm : 4,350G

■ Main Bucket and Rack

– Bucket –

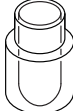


B433

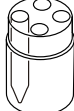
– Rack –



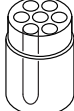
3314-04P



3350-G01P



3315-TC04P



3315-G07P

HS

CAP433-1



GASKET



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



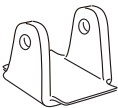
TS-37C

[Click Here](#)

3,200rpm : 2,100G

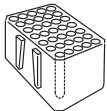
■ Main Bucket and Rack

– Bucket –

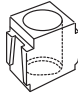


B437

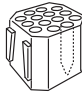
– Rack –



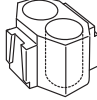
3606C-35P



3625C-01P



3615C-TC14P



3610C-G02P



TS-38C

[Click Here](#)

4,200rpm : 3,650G

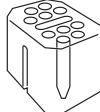
■ Main Bucket and Rack

– Bucket –

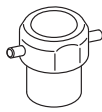


B438

– Rack –



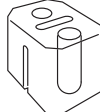
3815-10P



B438-29



B438-5002BH



3850-02P



CS-1

[Click Here](#)

10,000rpm : 8,830G

– Bucket –



M0415-04



M0406-05



M0404-09

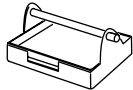
* Bucket is not included (The photo show a rotor with a bucket model M0415-04 installed.)

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-4C

Applicable model	NIX-521
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-4C

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-41C

Applicable centrifuge	NIX-521
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	4,400	3,010	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-41C

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	NIX-521
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

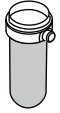
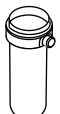
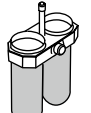
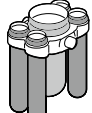
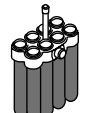
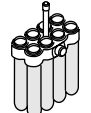
* 3 Aluminum sleeve(silver and gold)

* 4 Aluminum sleeve(gold)

* 5 Aluminum sleeve(silver)

* 6 Aluminum sleeve(blue)

Applicable Tube to TS-7C 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	 50ml	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	 15ml	NEG	P-16.5S (G)	R	φ 16.5 × 105	—		15	1 × 4				
COR	430829 (PP)		C	φ 29 × 116	15,500									
	 7150-01	Adapter	 50ml	NEG	(G)	R	φ 35 × 100	—	2	50	1 × 4	5,000	4,670(167)	* 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		 15ml	NEG	P-16.5S (G)	R	φ 16.5 × 105	—	15		1 × 4	5,000	4,670(167)		
 7050-02	Adapter		 50ml	NEG	(G)	R	φ 35 × 100		—		1	50	2 × 4	3,500
		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	 15ml	NEG	P-16.5S (G)	R	φ 16.5 × 105	—	15	2 × 4					
 7M5015-1	Adapter		 50ml	NEG	(G)	R	φ 35 × 100			—	d	50	1 × 4	3,500
		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	 15ml	NEG	P-16.5S (G)	R	φ 16.5 × 105	—	15	1 × 4	3,500		2,160(158)		
	COR		NEG	P-16.5S (G)	R	φ 16.5 × 105	—			15	1 × 4	3,500	2,340(171)	
		COR		430053 (PET)	C	φ 16 × 120	3,600	15	4 × 4			3,500	2,370(173)	
			430766 (PP)	C	φ 16 × 120	12,000								
		FLC	430791 (PP)	C	φ 16 × 120	12,000								
	352196 (PP)		C	φ 17 × 120	6,000									
352095 (PS)	C	φ 17 × 120	1,800	3,000	1,740(173)									
 7115-08	Adapter	 15ml	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							
				430766 (PP)	C	φ 16 × 120	12,000							
				430791 (PP)	C	φ 16 × 120	12,000							
	FLC	352196 (PP)	C	φ 17 × 120	6,000									
A1500-04	 15ml	FLC	352095 (PS)	C	φ 17 × 120	1,800	3,000	1,750(174)						
 7015-08		Adapter	 15ml	NEG	P-16.5S (G)	R				φ 16.5 × 105	—	5	15	8 × 4
	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							
	FLC	352196 (PP)	C	φ 17 × 120	6,000									
A1500-04	 15ml	FLC	352095 (PS)	C	φ 17 × 120	1,800	3,100	1,720(160)						

*1 Contact TOMY for more information.

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

Applicable Tube to TS-7C 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  15ml	NEG	P-16.5S (G)	R	φ 16.5×105	—	6	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							
		FLC	352196 (PP)	C	φ 17×120	6,000							
			352095 (PS)	C	φ 17×120	1,800				3,000	1,690(168)		
7015-06 	 15ml  15ml	NEG	P-16.5S (G)	R	φ 16.5×105	—	7	15	6 × 4	3,600	2,320(160)	* 1	
		COR	430053 (PET)	C	φ 16×120	3,600			4 × 4				
			430766 (PP)	C	φ 16×120	12,000							
			430791 (PP)	C	φ 16×120	12,000							
		FLC	352196 (PP)	C	φ 17×120	6,000							
			352095 (PS)	C	φ 17×120	1,800			3,100	1,720(160)			
B407 	0705-10P 	 5ml	TER	Veno-Ject II Tube (PET)	R	φ 13.2×80.3	3,000	8	5	10 × 4	3,100	1,670(155)	
	0705-FA10P 	 5ml	FLC	352052 (PS)	R	φ 12×75	1,400	C	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				3,100	1,670(155)	
				352002 (PP)	R	φ 12×75	3,000						
				352053 (PP)	R	φ 12×75	3,000						
			352063 (PP)	R	φ 12×75	3,000							
SC-2	 Collection bucket of floating cells	8ml		—				b	8	1 × 4	1,600	420(145)	

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

TS-33C

Applicable model	NIX-521
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 	—	4,800	4,350	169	82
	50 ml Conical Tube × 1 3350-TC01P 	4,800	4,300	167	74
	50 ml × 1 3350-G01P 	4,800	4,150	161	74
	15 ml Conical Tube × 4 3315-TC04P 	4,800	4,300	167	74
	15 ml × 7 PAXgene Blood RNA Tube 3315-G07P 	4,800	4,150	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-33C

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]						
	—	 250ml	NAL	3120-0250 (PPCO)	F	φ61.8×127.7	13,200	1	250	1×4	4,800	4,350(169)	
				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)	*1
	 352090 Adapter	 225ml	FLC	352075 (PP)	C	φ61×137	7,500	1	225	1×4	4,800	4,350(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	4,800	4,300(167)	
				430304 (PET)	C	φ29×116	3,600				4,300	3,450(167)	
				430829 (PP)	C	φ29×116	15,500				4,800	4,300(167)	
			FLC	352070 (PP)	C	φ30×115	9,400						
	 3350-G01P	 50ml	NEG	(G)	R	φ35×100	—	3	50	1×4	4,800	4,150(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				4,800	4,300(167)	
				430791 (PP)	C	φ16×120	12,000						
			FLC	352095 (PS)	C	φ17×120	1,800				3,100	1,790(167)	
				352196 (PP)	C	φ17×120	6,000				4,800	4,300(167)	
	 3315-G07P	 15ml	NEG	P-16.5S (G)	R	φ16.5×105	—	5	15	7×4	4,800	4,150(161)	
		 2.5ml	FLC	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].

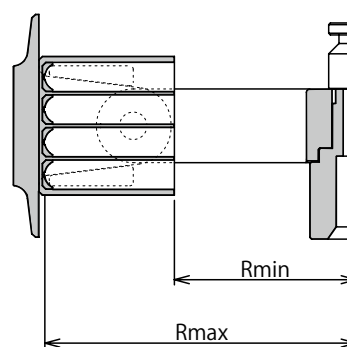
B433 bucket using [Bucket cap kit B433], which has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

TS-37C

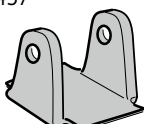
TOMY

Applicable model	NIX-521
Rotor capacity	4 buckets

*Bucket B437 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		
B437 	250 ml × 1 3625C-01P		3,200	2,070	181	106	
	100 ml × 2 3610C-G02P		3,200	2,050	179	106	
	50 ml Conical Tube × 5 15 ml Conical Tube × 2 3650-TC05P		3,200	2,100	183	106	*1
	50 ml × 5 3650-G05P		3,200	2,030	177	106	
	15 ml × 16 3615-G16P		3,200	2,080	182	106	
	15 ml Conical Tube × 14 3615-TC14P		3,200	2,100	183	106	
	14 ml × 18 3614C-18P		3,200	2,020	176	118	
	6 ml × 35 3606C-35P		3,200	2,100	183	124	
	5 ml × 48 3605C-48P		3,200	2,100	183	130	
	2 ml × 36 3602C-36P		3,200	1,920	168	130	
	Deepwell plate × 2 *2 Microplate × 4 *3 AS36C-96D		3,200	2,080	182	—	*2 *3
	50 ml Conical Tube × 6 15 ml Conical Tube × 2 3750-TC06P		3,200	2,100	183	106	*4
	15 ml × 24 3715-G24P		3,200	2,080	182	106	
	50 ml × 6 3750-G06P		3,200	2,030	177	106	
	15 ml Conical Tube × 16 3715-TC16P		3,200	2,100	183	106	

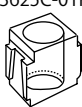
*1 Up to 4×50 ml and 2×15 ml tubes can be loaded together.

*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.

*4 50 ml tubes and 15 ml tubes cannot be loaded together.

Applicable Tube to TS-37C 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	3,200	2,040 (178)	
		 250ml	NAL	3120-0250 (PPCO)	F	φ61.8×127.7	13,200							
				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	3,200	2,070 (181)	
			 175ml	FLC	352076 (PP)	C	φ61×118	7,500						
		3610C-G02P 	 100ml	NEG	(G)	R	φ45×120	—	2	100	2×4	3,200	2,050 (179)	
		3650-TC05P 	 50ml	COR	430291 (PP)	C	φ29×116	15,500	4	50	5×4	3,200	2,100 (183)	
	430304 (PET)				C	φ29×116	3,600							
	430829 (PP)				C	φ29×116	15,500							
	 15ml			COR	352070 (PP)	C	φ30×115	9,400	4	15	2×4	3,200	2,100 (183)	
			430053 (PET)		C	φ16×120	3,600							
			430766 (PP)		C	φ16×120	12,000							
			430791 (PP)		C	φ16×120	12,000							
			FLC	352196 (PP)	C	φ17×120	6,000				2,900	1,720 (183)		
	3650-G05P 		 50ml	NEG	(G)	R	φ35×100	—	3	50	5×4	3,200	2,030 (177)	
	3615-G16P 	 15ml	NEG	P-16.5S (G)	R	φ16.5×105	—	5	15	16×4	3,200	2,080 (182)		
	3615-TC14P 	 15ml	COR	430053 (PET)	C	φ16×120	3,600	6	15	14×4	3,200	2,100 (183)		
				430766 (PP)	C	φ16×120	12,000							
				430791 (PP)	C	φ16×120	12,000							
			FLC	352196 (PP)	C	φ17×120	6,000				2,900	1,720 (183)		
		3614C-18P 	 14ml	FLC	352095 (PS)	C	φ17×120	1,800	7	14	18×4	3,200	2,020 (176)	
	352057 (PS)				R	φ17×100	1,400							
	352059 (PP)				R	φ17×100	3,000							
	352017 (PS)				R	φ17×100	1,400							
			352018 (PP)	R	φ17×100	3,000				3,200	2,020 (176)			

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

Applicable Tube to TS-37C 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]							
B437 	3606C-35P 		 6 ml	EIK	JA1000 (PS) JA2000 (PS) JA3000 (PS) JA4000 (PS)	R	φ14.5×83	—	8	6	35×4	3,200	2,100 (183)		
	3605C-48P 		 5 ml	FLC	352002 (PP)	R	φ12×75	3,000	9	5	48×4	3,200	2,100 (183)	* 1	
					352053 (PP)	R	φ12×75	3,000			24×4	2,600	1,380 (183)		
					352063 (PP)	R	φ12×75	3,000							
					352058 (PS)	R	φ12×75	1,400							
					352235 (PS)	R	φ12×75	1,400							
					352008 (PS)	R	φ12×75	1,400							
					352052 (PS)	R	φ12×75	1,400							
			 4 ml	SIO	Shionogi Tube (PS)	R	φ12×72	—		4	48×4	3,200	2,100 (183)		
	3602C-36P 		 2ml	EPP	Safe-Lock Tube (PP)	C	φ11×42	25,000	A	2	36×4	3,200	1,920 (168)		
			 1.5ml	EPP	Safe-Lock Tube (PP)	C	φ11×41.5	25,000							
					Microtube 3810 (PP)	C	φ11×41.5	25,000							
	AS36C-96D 		—	—	Deepwell plate	—	—	—	b		2×4	—	— (—)	* 2	
					Microplate						4×4				
	3750-TC06P 		 50ml	COR	430291 (PP)	C	φ29×116	15,500	4	50	6×4	3,200	2,100(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		15	2×4	3,200	2,100(183)		
					430766 (PP)	C	φ16×120	12,000							
					430791 (PP)	C	φ16×120	12,000							
				FLC	352095 (PS)	C	φ17×120	1,800							2,900
						352196 (PP)	C	φ17×120		6,000			3,200	2,100(183)	
		3715-G24P 		 15ml	NEG	P-16.5S (G)	R	φ16.5×105		—	5	15	24×4	3,200	2,080(182)
	3750-G06P 		 50ml	NEG	(G)	R	φ35×100	—	3	50	6×4	3,200	2,030(177)		
	3715-TC16P 		 15ml	COR	430053 (PET)	C	φ16×120	3,600	6	15	16×4	3,200	2,100(183)		
					430766 (PP)	C	φ16×120	12,000							
					430791 (PP)	C	φ16×120	12,000							
					FLC	352095 (PS)	C	φ17×120							1,800
								352196 (PP)				C	φ17×120		6,000

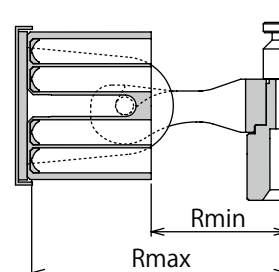
* 1 Use the rack hole alternately.

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

TS-38C



Applicable model	NIX-521
Rotor capacity	4 buckets



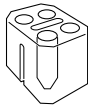
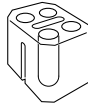
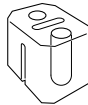
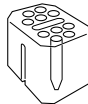
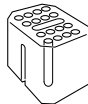
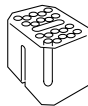
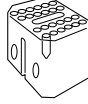
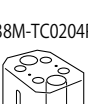
* Figure shows an example of how 3815-10P is used in B438.

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-38C 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]							
B438 	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)		
			 1.5ml	EPP	Safe-Lock Tube (PP)	C	φ 11×41.5		25,000					1.5
					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-38C 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	φ 61 × 118	7,500		175				
	B438-5002BH HS 	— 	50ml	COR	430291 (PP)	C	φ 29 × 116		15,500			b	50
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	2 × 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)		
			B438-1507BH HS 	— 	15ml	COR	430053 (PET)			C	φ 16 × 120		
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°C. * 2 Prior to centrifugation, check the durability of plates in use.

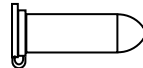
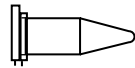
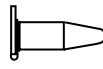
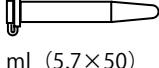
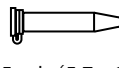
 has been tested and certified by the Health Protection Agency (HPA, UK) to be compliant with the International Standard (Annex AA of the IEC 61010-2-020), meets requirements for biohazard safety.

 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.

Applicable model	NIX-521
Rotor capacity	4 buckets

Bucket Code No.	Max.speed [rpm]	Bucket capacity
M0415-04 	10,000	2ml×4
M0406-05 	10,000	0.5ml×5
M0404-09 	10,000	0.4ml×9

Applicable Tube to CS-1

Bucket	Tube ($\phi \times L$ [mm])	BART Code	Max. Number × Places	Radius[mm]		Allowable Speed [rpm]	Max. RCF [G]
				Max	Min		
M0415-04 	 2 ml (11×42)	1	4×4	73	35	10,000	8,160
	 1.5 ml (11×41)	1	4×4	71	35	10,000	7,940
M0406-05 	 0.5 ml (7.9×31)	1	5×4	64	35	10,000	7,160
M0404-09 	 0.4 ml (5.7×50)	1	9×4	79	33	10,000	8,830
	 0.25 ml (5.7×38)	1	9×4	66	33	10,000	7,380

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.