

CENTRIFUGE SELECTION GUIDE

		CONTAINERS		8-tube PER STRIP	0.2-2.0 mL MICRO-TUBE	1.5 mL CRYO-TUBE	2.0 mL MICRO-FILTER-TUBE	5.0 mL MICRO-TUBE	3-5 mL TUBE & VACUTAINER	7 mL TUBE & VACUTAINER	10 mL TUBE & VACUTAINER	15 mL TUBE	15 mL conical TUBE	50 mL conical TUBE	50 mL conical TUBE	50 mL conical TUBE	95 mL TUBE	100 mL TUBE	250 mL TUBE	250 mL (C) TUBE	500 mL BOTTLE	500 mL (C) BOTTLE	750 mL BOTTLE	1,000 mL BOTTLE	MICROPLATE	DEEP-Well PLATE	FILTER PLATE	SYRINGE 10-20 mL	60 mL SYRINGE
MODEL	ROTOR	MAX. RPM RCF																											
MICRO	 mini 6	A 6,500 2,431	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 mini	A 13,500 12,300	4	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1536	A 15,000 21,583	4	36	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1730R	A 17,000 27,237	8	36	-	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1848R	A 18,000 30,536	8	48	-	-	20	-	-	-	-	12	4	8	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1848R	S 13,000 16,438	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOW-SPEED	 406	A 4,000 2,075	-	-	-	-	-	12	12	12	12	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 416	A 4,000 2,700	-	-	-	-	16	16	16	16	16	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 416	S 4,000 2,826	-	24	-	-	32	32	32	32	32	12	8	8	4	4	4	-	-	-	-	-	-	-	-	-	-	-	-
	 624R	A 6,000 3,960	-	24	-	-	24	24	24	24	24	10	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TABLE-TOP, HIGH-SPEED	 1248/ 1248R	A 12,000 16,582	8	30	-	-	24	24	24	24	24	6	8	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1248/ 1248R	S 5,000 5,394	-	80	-	-	48	48	48	48	36	16	12	16	8	6	4	4	-	-	-	-	-	-	16	4	-	8	4
	 1580	A 15,000 24,249	8	30	-	-	24	24	24	24	24	8	8	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1580	S 5,000 5,394	-	80	-	-	120	80	80	80	64	32	20	20	8	6	4	4	4	4	4	4	4	-	16	4	-	8	4
	 1580R	A 15,000 25,910	8	30	-	-	24	24	24	24	24	8	8	-	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-
	 1580R	S 5,000 5,394	-	80	-	-	120	80	80	80	64	32	20	20	8	6	4	4	4	4	4	4	4	-	16	4	-	8	4
	 1696R	A 16,000 27,590	8	48	-	-	20	-	-	8	24	12	8	8	-	6	-	6	-	-	-	-	-	-	-	-	-	-	-
	 1696R	S 5,000 5,394	-	80	-	-	192	152	152	116	116	52	52	52	6	6	8	4	4	4	4	4	4	4	24	4	4	8	4
FLOOR-STANDING, HIGH-SPEED	 1236R	A 12,000 16,582	8	30	-	-	24	24	24	24	24	8	8	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	 1236R	S 5,000 5,394	-	80	-	-	48	48	48	48	36	16	12	16	8	6	4	4	-	-	-	-	-	-	16	4	-	8	4
	 1736R	A 17,000 32,310	8	30	-	-	-	-	12	12	12	8	8	-	6	-	6	6	-	6	-	-	-	-	-	-	-	-	-
	 1736R	S 4,000 3,134	-	80	-	-	48	48	48	48	36	16	12	16	8	-	4	-	-	-	-	-	-	-	16	4	-	-	-
	 2236R	A 22,000 54,163	8	30	-	-	-	-	12	12	12	8	8	-	6	-	6	6	6	6	6	-	6	-	-	-	-	-	-
	 2236R	S 4,000 3,134	-	80	-	-	48	48	48	48	36	16	12	16	8	-	4	-	-	-	-	-	-	-	16	4	-	-	-



EXPERTS IN
LABORATORY EQUIPMENT

CENTRIFUGE

CONCENTRATOR

FREEZE DRYER

DEEP FREEZER

CO₂ INCUBATOR

MIXERS & SHAKER

CONSUMABLES

PROUDLY MADE IN KOREA

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GYROZEN

GYROZEN PRODUCT OVERVIEW
CENTRIFUGE



EXPERTS IN LABORATORY EQUIPMENT

GYROZEN

A WIDE
SPECTRUM
FOR ALL APPLICATION

FEATURED FUNCTIONS

- 

FAST COOLING
Cooling down to 4°C within 5 min (R models only)
- 

SOFT START/STOP
Minimizing agitation by slow run-up/down (416 only)
- 

EASY LOCK ROTOR LID
One-step clicking action is enough to make a closure of rotor lid (Micro centrifuge only)
- 

ONE TIME ROTOR LOCKING
Single action for rotor fixing and lid closure (1696R only)
- 

PROGRAM RUN
Number of custom-programmed conditions
- 

ACC/DEC RATE CONTROL
Setting run-up (9 steps) / down (10 steps) rates
- 

ROTOR ID
Automatic rotor recognition for safer operation
- 

SHORT SPIN (PULSE)
One-touch quick spin
- 

TIME MODE SELECTION
Allows exact time counting at set speed
- 

IMBALANCE CUTOFF
Imbalance self-recognition for safer operation
- 

SOFT TOUCH LID CLOSURE
Provides ergonomic convenience
- 

PASSWORD PROTECTION
Ideal for multi-user environments (2236R only)

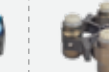
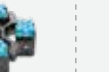


ROTORS OF GYROZEN CENTRIFUGES >

FIXED ANGLE ROTORS

													
mini, mini 6		mini											
1536 , 1730R			1536 , 1730R										
1848R			1848R					1848R					
		624R		406				624R					
1248, 1248R				416, 624R			416, 624R	1248, 1248R					
1580				1248, 1248R	1248R			1580					
1580R				1580			1580						
1580R				1580R	1580R		1580R						
1696R			1696R			1696R	1696R						
1236R				1236R		1236R							
1736R						1736R							
2236R						2236R							

SWING-OUT ROTOR

												
4 x 1,000 mL	4 x 750 mL	4 x 750 mL	4 x 500 mL	2/4/16/20 x MTP 2/4/8 x DWP	4 x 250 mL	4 x 250 mL	4 x 250 mL conical	4/6 x 100 mL	4 x 50 mL	6/8/12 x 15 mL	8/16/24 x 2.0 mL	
				1848R							1730R	
											1848R	
				416, 624R					416, 624R			
				1248, 1248R								
	1580											
	1580R											
				1696R								
				1236R								
				1736R								
				2236R								

MICRO CENTRIFUGES

mini 6 Compact quick spinner	mini Personal microcentrifuge	1536 Medium capacity microcentrifuge	1730R Refrigerated microcentrifuge, professional	1848R /NEW/ Refrigerated microcentrifuge, professional
				
150(w) x 150(d) x 90(h) mm 0.65 kg	208(w) x 245(d) x 145(h) mm 4.4 kg	240(w) x 378(d) x 240(h) mm 11.9 kg	310(w) x 620(d) x 265(h) mm 43 kg	380(w) x 654(d) x 312(h) mm 53.5 kg
FIXED ANGLE ROTOR MAX 6,500 rpm MAX 2,234 xg	FIXED ANGLE ROTOR MAX 13,500 rpm MAX 12,300 xg	FIXED ANGLE ROTOR MAX 15,000 rpm MAX 21,583 xg	FIXED ANGLE ROTOR MAX 17,000 rpm MAX 27,237 xg	FIXED ANGLE ROTOR MAX 18,000 rpm MAX 30,536 xg
2 x 8-tube PCR strip 6 x 2.0 mL	4 x 8-tube PCR strip 10 x 1.8 mL cryotube 12 x 2.0 mL	4 x 8-tube PCR strip 36 x 2.0 mL 10 x 5.0 mL	8 x 8-tube PCR strip 18 x 2.0 mL filter tubes 36 x 2.0 mL 12 x 5.0 mL	8 x 8-tube PCR strip 48 x 2.0 mL 20 x 5.0 mL 12 x 15 mL conical 4 x 50 mL 8 x 50 mL conical 4 x 50 mL skirted

LOW-SPEED CENTRIFUGES

406 Ideal for routine clinical applications	416 Small in size, big in versatility	624R Ideal for multi-purpose cell biology laboratory
		
296(w) x 412(d) x 206(h) mm 17.5 kg	375(w) x 480(d) x 260(h) mm 19.5 kg	584(w) x 535(d) x 317(h) mm 65 kg
FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,075 xg	FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,700 xg	FIXED ANGLE ROTOR MAX 6,000 rpm MAX 3,960 xg
12 x 10 mL 6 x 15 mL	16 x 15 mL 32 x 15 mL & vacutainer 10 x 50 mL conical 4 x 50 mL skirted	24 x 2.0 mL 24 x 15 mL 10 x 50 mL 10 x 50 mL conical
	SWING-OUT ROTOR MAX 4,000 rpm MAX 2,826 xg	SWING-OUT ROTOR MAX 4,800 rpm MAX 3,888 xg
	2 x 2 MTPs 8 x 50 mL / 50 mL conical 4 x 50 mL skirted 4 x 100 mL	2 x 2 MTPs 32 x 15 mL & vacutainer 8 x 50 mL 4 x 100 mL

TABLE-TOP, HIGH-SPEED CENTRIFUGES

1248/1248R Compact table-top, high-speed centrifuges	1580/1580R Large capacity, multi-purpose, table-top centrifuge	1696R Stylish gigantic centrifuges with maximized speed and flexibility
		
[1248] 475(w) x 561(d) x 330(h) mm 40 kg [1248R] 655(w) x 620(d) x 355(h) mm 78 kg	[1580] 540(w) x 650(d) x 380(h) mm 57 kg [1580R] 770(w) x 650(d) x 390(h) mm 93 kg	775(w) x 695(d) x 395(h) mm 116 kg
FIXED ANGLE ROTOR MAX 12,000 rpm MAX 16,582 xg ^(R) MAX 15,520 xg	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg	FIXED ANGLE ROTOR MAX 16,000 rpm MAX 27,590 xg
8 x 8-tube PCR strip 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL (R)* 8 x 50 mL conical (R)* 6 x 85 mL	4 x 4 MTPs 8 x 10/20 mL syringe 4 x 60 mL syringe 48 x 15 mL 36 x 15 mL conical 16 x 50 mL 12 x 50 mL conical 16 x 50 mL skirted 6 x 85 mL 4 x 250 mL conical	8 x 8-tube PCR strip 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL
8 x 8-tube PCR strip 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL (R)*	4 x 4 MTPs 8 x 10/20 mL syringe 4 x 60 mL syringe 80 x 15 mL 64 x 15 mL conical 32 x 50 mL 20 x 50 mL conical 20 x 50 mL skirted 8 x 85 mL 6 x 100 mL 4 x 250 mL 4 x 250 mL conical 4 x 500 mL 4 x 500 mL conical 4 x 750 mL	4 x 5 MTPs 8 x 10/20 mL syringe 116 x 15 mL 116 x 15 mL conical 52 x 50 mL 52 x 50 mL skirted 4 x 60 mL syringe 8 x 85 mL 6 x 100 mL 4 x 250 mL 4 x 250 mL conical 4 x 500 mL 4 x 1,000 mL

* (R) is for R model. (1248R or 1580R)

FLOOR-STANDING, HIGH-SPEED CENTRIFUGES

1236R Space saving, multi-purpose centrifuge	1736R Ideal for high-speed sample collection	2236R High speed, highly robust for multi-users or core facilities
		
475(w) x 620(d) x 830(h) mm 110 kg	475(w) x 620(d) x 830(h) mm 110 kg	824(w) x 634(d) x 1,049(h) mm 240 kg
FIXED ANGLE ROTOR MAX 12,000 rpm MAX 16,582 xg	FIXED ANGLE ROTOR MAX 17,000 rpm MAX 54,111 xg	FIXED ANGLE ROTOR MAX 22,000 rpm MAX 54,111 xg
8 x 8-tube PCR strip 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL	4 x 4 MTPs 8 x 10/20 mL syringe 48 x 15 mL 36 x 15 mL conical 16 x 50 mL 12 x 50 mL conical 6 x 50 mL skirted 4 x 60 mL syringe 8 x 85 mL 6 x 100 mL 4 x 250 mL 4 x 250 mL conical	8 x 8-tube PCR strip 30 x 2.0 mL 12 x 15 mL 12 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL 6 x 500 mL 6 x 1,000 mL
SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg	SWING-OUT ROTOR MAX 4,000 rpm MAX 3,134 xg	SWING-OUT ROTOR MAX 4,000 rpm MAX 3,134 xg
4 x 4 MTPs 48 x 15 mL 36 x 15 mL conical 16 x 50 mL 12 x 50 mL conical 16 x 50 mL skirted 8 x 85 mL 4 x 250 mL	4 x 4 MTPs 48 x 15 mL 36 x 15 mL conical 16 x 50 mL 12 x 50 mL conical 16 x 50 mL skirted 8 x 85 mL 4 x 250 mL	4 x 4 MTPs 48 x 15 mL 36 x 15 mL conical 16 x 50 mL 12 x 50 mL conical 16 x 50 mL skirted 8 x 85 mL 4 x 250 mL