

GYROZEN PRODUCT OVERVIEW

CENTRIFUGE



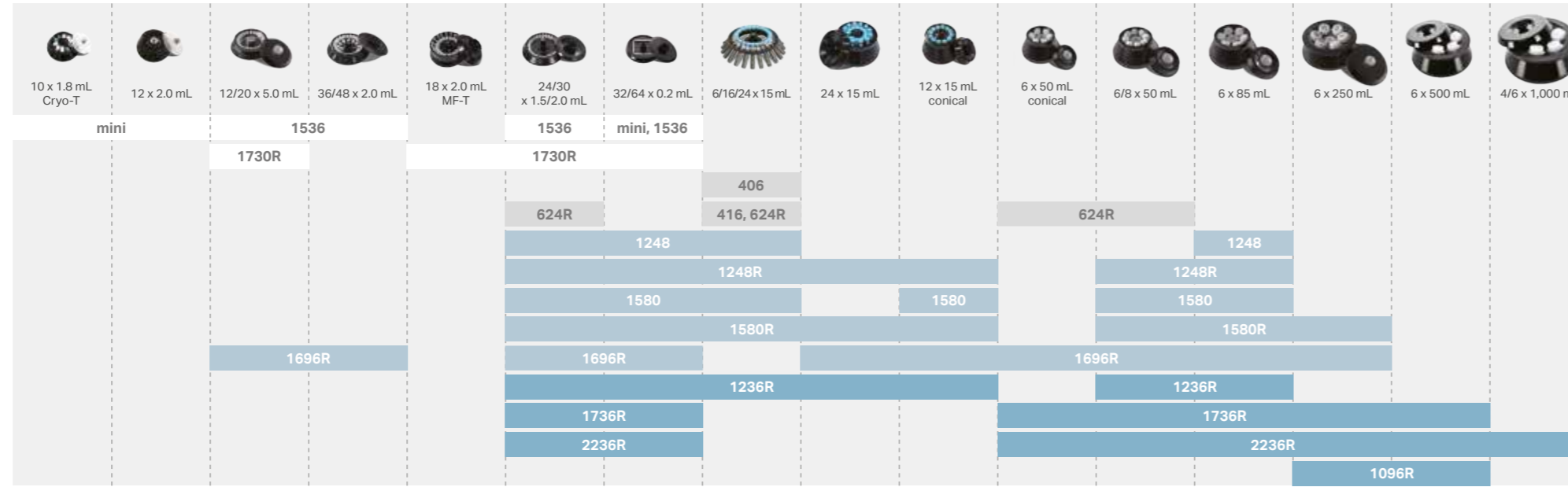
LabTech

POWERED BY GYROZEN

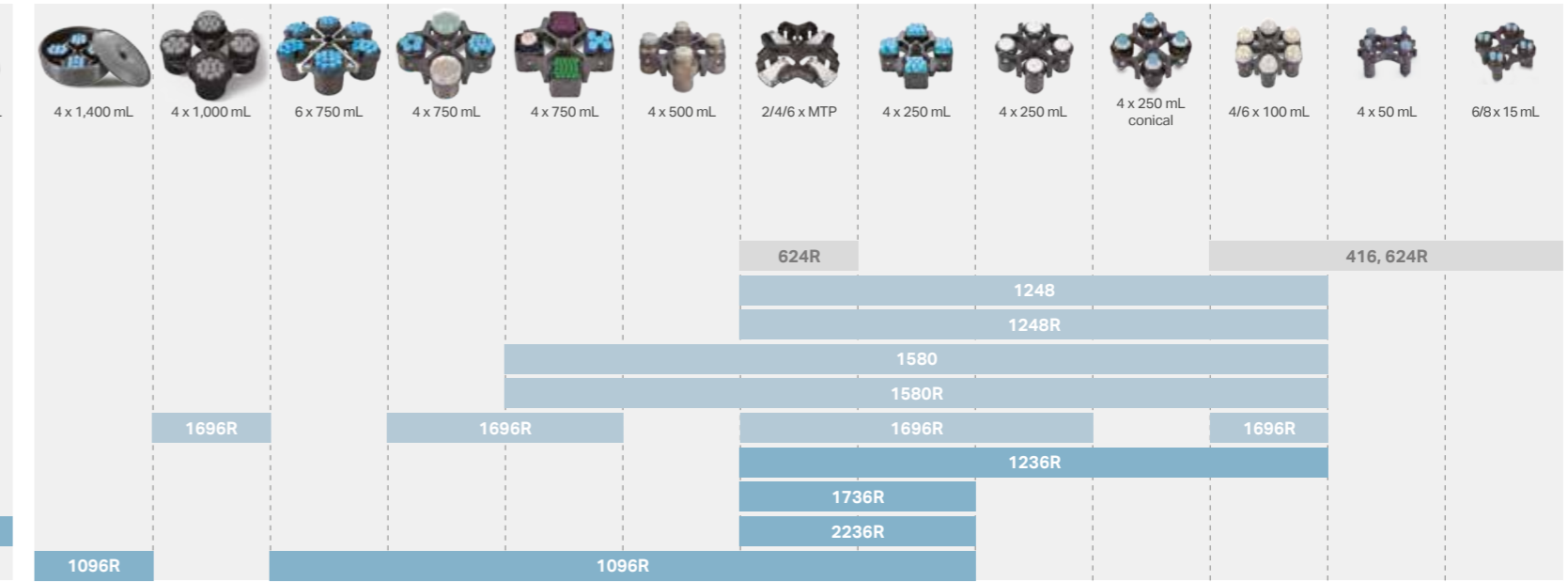
A WIDE SPECTRUM FOR APPLICATION

ROTORS OF GYROZEN CENTRIFUGES >

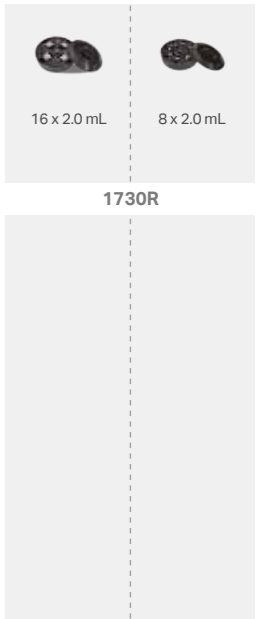
FIXED ANGLE ROTORS



SWING-OUT ROTOR



DRUM ROTOR



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)
- 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)

MICRO CENTRIFUGES

mini Personal microcentrifuge 208(w) x 245(d) x 145(h) mm 4.4 kg FIXED ANGLE ROTOR MAX 13,500 rpm MAX 21,206 xg 4 x 8-tube PCR strips 10 x 1.8 mL cryotube 12 x 2.0 mL	1536 Medium capacity microcentrifuge 240(w) x 378(d) x 240(h) mm 11.9 kg FIXED ANGLE ROTOR MAX 15,000 rpm MAX 21,206 xg 4 x 8-tube PCR strips 36 x 2.0 mL 10 x 5.0 mL	1730R Refrigerated microcentrifuge, professional 310(w) x 620(d) x 290(h) mm 43 kg FIXED ANGLE ROTOR MAX 17,000 rpm MAX 27,237 xg 8 x 8-tube PCR strips 18 x 2.0 mL filter tubes 30 x 2.0 mL 12 x 5.0 mL SWING-OUT ROTOR MAX 13,000 rpm MAX 16,343 xg 16 x 2.0 mL
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TABLE-TOP, HIGH-SPEED CENTRIFUGES

1248/1248R Compact table-top, high-speed centrifuges [1248] 475(w) x 561(d) x 330(h) mm 40 kg [1248R] 655(w) x 620(d) x 357(h) mm 78 kg	1580/1580R Stylish gigantic centrifuges, multi-purpose, table-top centrifuge [1580] 540(w) x 650(d) x 380(h) mm 57 kg [1580R] 770(w) x 650(d) x 390(h) mm 93 kg	1696R /NEW/ Large capacity, multi-purpose, maximized speed and flexibility 775(w) x 695(d) x 395(h) mm 116 kg
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FLOOR-STANDING, HIGH-SPEED CENTRIFUGES

1236R Space saving, multi-purpose centrifuge 473(w) x 620(d) x 830(h) mm 110 kg	1736R Ideal for high-speed sample collection 473(w) x 620(d) x 830(h) mm 110 kg	2236R High speed, highly robust for multi-users or core facilities 824(w) x 634(d) x 1,049(h) mm 240 kg	1096R Silent operation of large volume samples (e.g. blood bags) in a wind-shield rotor 643(w) x 762(d) x 850(h) mm 180 kg
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LOW-SPEED CENTRIFUGES

406 Ideal for routine clinical applications 296(w) x 412(d) x 206(h) mm 17.5 kg FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,075 xg 6 x 15 mL	416 Small in size, big in versatility 375(w) x 480(d) x 260(h) mm 23 kg FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,700 xg 16 x 15 mL SWING-OUT ROTOR MAX 4,000 rpm MAX 2,826 xg 2 MTPs 4 x 10/20 mL syringe 32 x 10 mL vacutainer 4 x 50 mL 4 x 100 mL	624R /NEW/ Ideal for multi-purpose cell biology laboratory SELECTABLE 2 COLORS (B, W) OF DISPLAY PANEL 584(w) x 535(d) x 317(h) mm 65 kg FIXED ANGLE ROTOR MAX 6,000 rpm MAX 3,960 xg 24 x 2.0 mL 24 x 15 mL 6 x 50 mL 6 x 85 mL 6 x 250 mL SWING-OUT ROTOR MAX 4,800 rpm MAX 3,888 xg 2 MTP 32 x 10 mL vacutainer 6 x 15 mL 4 x 50 mL 4 x 100 mL
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FIXED ANGLE ROTOR MAX 12,000 rpm MAX 16,582 xg ^(R) MAX 15,520 xg 8 x 8-tube PCR strips 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 6 x 50 mL conical 6 x 85 mL 6 x 250 mL	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 4 x 4 MTPs 8 x 10/20 mL syringe 4 x 60 mL syringe 24 x 15 mL 48 x 15 mL 36 x 15 mL conical 16 x 50 mL 12 x 50 mL conical 8 x 85 mL 6 x 100 mL 4 x 250 mL 4 x 250 mL conical	FIXED ANGLE ROTOR MAX 15,000 rpm MAX 25,910 xg ^(R) MAX 24,249 xg 8 x 8-tube PCR strips 30 x 2.0 mL 24 x 15 mL 24 x 15 mL conical 8 x 50 mL 6 x 50 mL conical 6 x 85 mL 6 x 250 mL (R)*	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 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 8 x 85 mL 6 x 100 mL 4 x 250 mL 4 x 250 mL conical 4 x 500 mL conical 4 x 750 mL	FIXED ANGLE ROTOR MAX 16,000 rpm MAX 27,590 xg 8 x 8-tube PCR strips 48 x 2.0 mL 4 x 60 mL conical 24 x 15 mL 12 x 15 mL conical 8 x 50 mL 6 x 50 mL conical 6 x 85 mL 6 x 250 mL	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg 8 x 10/20 mL syringe 8 x 10/20 mL syringe 116 x 15 mL 116 x 15 mL conical 16 x 50 mL syringe 52 x 50 mL 6 x 50 mL conical 4 x 60 mL syringe 8 x 85 mL 4 x 250 mL 4 x 250 mL 4 x 250 mL conical 4 x 500 mL 4 x 1,000 mL
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* (R) is for R model. (1248R or 1580R)



CENTRIFUGE SELECTION GUIDE

	MODEL	MAX. RPM RCF	CONTAINERS 8-tube PCR STRIP	0.2-2.0 mL MICRO-TUBE	1.8 mL CRYO-TUBE	2.0 mL MICROFILTER-TUBE	5.0 mL MICRO-TUBE	3-5 mL TUBE & VACUAINER	7 mL TUBE & VACUAINER	10 mL TUBE & VACUAINER	15 mL TUBE	15 mL conical TUBE	50 mL TUBE	50 mL conical TUBE	85 mL TUBE	100 mL TUBE	250 mL (C) TUBE	500 mL (C) BOTTLE	750 mL BOTTLE	1,000 mL BOTTLE	MICROPLATE	DEEPWELL PLATE	FILTER PLATE	10, 20 mL SYRINGE	60 mL SYRINGE	100 mL GLASS TUBE	Double 200 mL BLOOD BAG	400 mL BLOOD BAG	
																													ROTOR
MICRO	mini	13,500 12,300	4	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1536	15,000 21,206	4	36	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730R	17,000 27,237	8	30	-	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730R	13,000 16,343	S	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOW-SPEED	406	4,000 2,075	A	-	-	-	-	6	6	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	416	4,000 2,700	A	-	-	-	-	16	16	16	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	416	4,000 2,774	S	24	-	-	-	32	32	32	12	12	4	4	4	4	-	-	-	-	-	4	2	-	-	-	-	-	-
	624R	6,000 3,960	A	24	-	-	-	24	24	24	24	24	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TABLE-TOP, HIGH-SPEED	1248	12,000 15,520	A	8	30	-	-	-	24	24	24	24	24	8	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-
	1248	5,000 5,394	S	36	-	-	-	48	48	48	48	36	16	12	8	6	4	-	-	-	16	4	-	8	4	-	-	-	
	1248R	12,000 16,582	A	8	30	-	-	-	24	24	24	24	24	8	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
	1248R	5,000 5,394	S	36	-	-	-	48	48	48	48	36	16	12	8	6	4	-	-	-	16	4	-	8	4	-	-	-	
	1580	15,000 24,249	A	8	30	-	-	-	24	24	24	24	24	8	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
	1580	5,000 5,394	S	36	-	-	-	120	80	80	80	64	32	20	8	6	4	4	4	4	-	16	4	-	8	4	-	-	
	1580R	15,000 25,910	A	8	30	-	-	-	24	24	24	24	24	8	6	6	-	6(R)	-	-	-	-	-	-	-	-	-	-	
	1580R	5,000 5,394	S	36	-	-	-	120	80	80	80	64	32	20	8	6	4	4	4	4	-	16	4	-	8	4	-	-	
	1696R	16,000 27,590	A	8	48	-	-	20	48	48	48	48	48	8	6	6	-	6(R)	-	-	-	-	-	-	-	-	-	-	-
	1696R	5,000 5,394	S	80	-	-	-	192	192	152	116	116	52	52	6	6	-	4	4	4	4	28	8	-	8	4	-	-	
FLOOR-STANDING, HIGH-SPEED	1236R	12,000 16,582	A	8	30	-	-	-	24	24	24	24	24	8	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
	1236R	5,000 5,394	S	36	-	-	-	48	48	48	48	36	16	12	8	6	4	-	-	-	16	4	-	8	4	-	-		
	1736R	17,000 32,310	A	8	30	-	-	-	-	12	12	12	8	6	6	-	6(R)	6(R)	-	-	-	-	-	-	-	-	-		
	1736R	4,000 3,134	S	80	-	-	-	48	48	48	48	36	16	12	8	-	4(R)	-	-	-	16	4	-	-	-	-	-		
	2236R	22,000 54,111	A	8	30	-	-	-	-	12	12	12	8	6	6	-	6(R)	6(R)	-	6(R)	-	-	-	-	-	-	-		
	2236R	4,000 3,134	S	80	-	-	-	48	48	48	48	36	16	12	8	-	4(R)	-	-	-	16	4	-	-	-	-	-		
1096R	10,000 14,981	A	-	-	-	-	-	-	-	6	-	-	-	-	-	6(R)	6(R)	-	-	-	-	-	-	-	-	-			
1096R	5,000 6,000	S	80	-	-	-	144	-	126	114	84	42	30	8	-	6	6	6	6	-	16	4	4	-	4	4	8		

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