

A WIDE SPECTRUM FOR ALL APPLICATIONS

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FEATURED FUNCTIONS

- IMBALANCE CUTOFF**
Imbalance detection & automatic cutoff stop
- MOTORIZED LID**
Soft touch lid closure
- ROTOR ID**
Automatic rotor recognition
- SHORT SPIN (PULSE)**
Quick run while pressed
- TIME MODE SELECTION**
Selectable time count from starting or set speed
- ACC/DEC RATE CONTROL**
Controllable acceleration (9 steps) & deceleration (10 steps) speed rate
- SOFT START/STOP**
Minimize sample turbulence (416 only)
- NUMBER OF PROGRAMS**
Number of custom-programmed conditions
- FAST COOLING**
Fast Cooldown to 4°C (R models only)
- EASY LOCK ROTOR LID**
One-step click action to close the rotor lid (Micro centrifuge only)
- ONE STEP ROTOR LOCKING**
Direct fastening of fixed angle rotor to motor shaft through protruding bolt of a lid (1696R only)
- PASSWORD PROTECTION**
Suitable for multi-user environments (2236R only)



CONTROLTECNICA

MICRO CENTRIFUGES

mini 6 Compact quick spinner 150(w) x 150(d) x 90(h) mm 0.65 kg	mini Personal microcentrifuge 208(w) x 245(d) x 145(h) mm 4.4 kg	1536 Medium throughput microcentrifuge 240(w) x 378(d) x 240(h) mm 11.9 kg	1730R Medium throughput refrigerated microcentrifuge 310(w) x 620(d) x 265(h) mm 43 kg	1848R High throughput refrigerated microcentrifuge 380(w) x 654(d) x 312(h) mm 53.5 kg
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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	SWING-OUT ROTOR MAX 13,000 rpm MAX 16,343 xg	FIXED ANGLE ROTOR MAX 18,000 rpm MAX 30,536 xg	SWING-OUT ROTOR MAX 13,000 rpm MAX 16,438 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	4 x 4 x 2.0 mL	8 x 8-tube PCR strip 48 x 2.0 mL 20 x 5.0 mL 12 x 15 mL conical 8 x 50 mL conical	6 x 4 x 2.0 mL 2 x 2 x MTP* *MTP: Micro Titer Plate

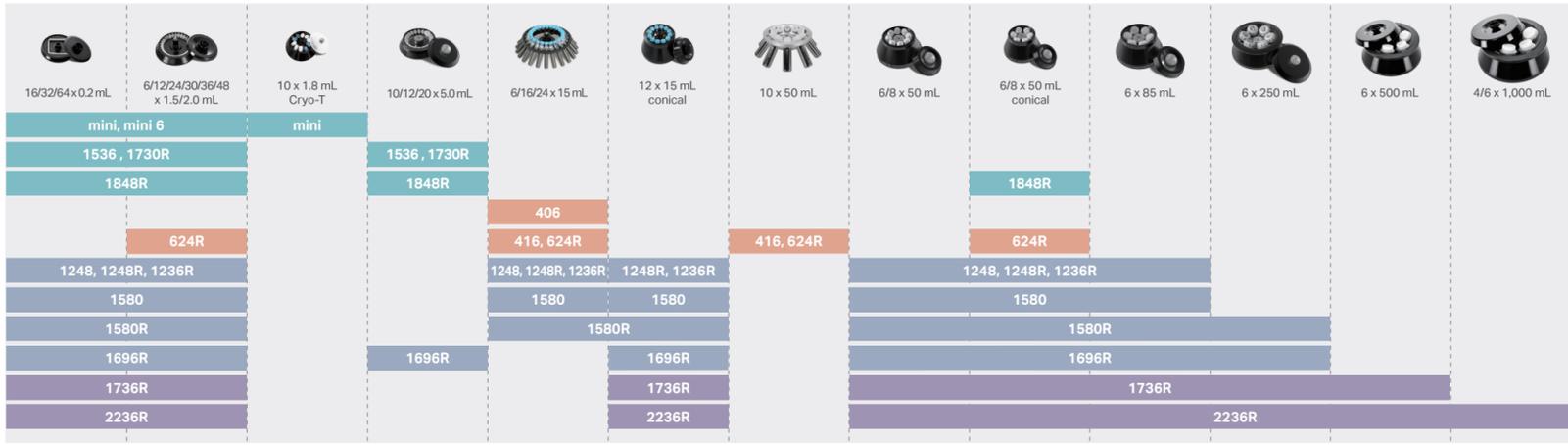
LOW-SPEED CENTRIFUGES

406 Basic air ventilated low speed centrifuge 296(w) x 412(d) x 206(h) mm 17.5 kg	416 Compact air ventilated low speed centrifuge 375(w) x 480(d) x 260(h) mm 19.5 kg	624R Compact refrigerated low speed centrifuge 584(w) x 535(d) x 317(h) mm 65 kg
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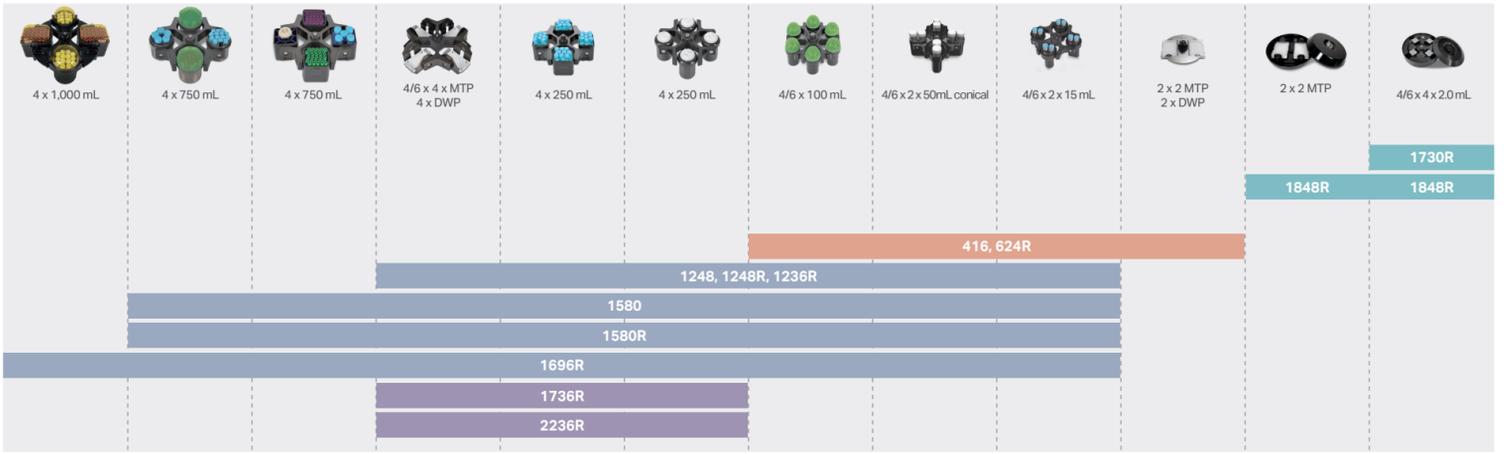
FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,075 xg	FIXED ANGLE ROTOR MAX 4,000 rpm MAX 2,700 xg	SWING-OUT ROTOR MAX 4,000 rpm MAX 2,826 xg	FIXED ANGLE ROTOR MAX 6,000 rpm MAX 3,960 xg	SWING-OUT ROTOR MAX 4,800 rpm MAX 3,888 xg
12 x 10 mL 12 x vacuum tube 6 x 15 mL 6 x 15 mL conical	16 x vacuum tube 16 x 15 mL 16 x 15 mL conical 10 x 50 mL 10 x 50 mL conical	2 x 2 x MTP 2 x DWP 4 x 8 x vacuum tube 4 x 3 x 15 mL conical 4 x 2 x 50 mL 4 x 2 x 50 mL conical 4 x 100 mL	24 x 2.0 mL 24 x vacuum tube 24 x 15 mL 24 x 15 mL conical 10 x 50 mL 10 x 50 mL conical	2 x 2 x MTP 2 x DWP 4 x 8 x vacuum tube 4 x 3 x 15 mL conical 4 x 2 x 50 mL 4 x 2 x 50 mL conical 4 x 100 mL

ROTORS OF GYROZEN CENTRIFUGES >

FIXED ANGLE ROTORS >>



SWING-OUT ROTOR >>



MULTI-PURPOSE CENTRIFUGES

1248/1248R/1236R Medium throughput multi-purpose centrifuge (air ventilated / refrigerated) 475(w) x 561(d) x 330(h) mm 40 kg	1580/1580R High throughput multi-purpose centrifuge (air ventilated / refrigerated) 540(w) x 650(d) x 380(h) mm 57 kg	1696R Highest throughput refrigerated multi-purpose centrifuge 775(w) x 695(d) x 395(h) mm 116 kg
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FIXED ANGLE ROTOR MAX 12,000 rpm MAX 16,582 xg^{FR} MAX 15,520 xg	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg	FIXED ANGLE ROTOR MAX 15,000 rpm MAX 25,910 xg^{FR} MAX 24,249 xg	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg	FIXED ANGLE ROTOR MAX 16,000 rpm MAX 27,590 xg	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg
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 x MTP 4 x DWP 4 x 12 x vacuum tube 4 x 12 x 15 mL 4 x 9 x 15 mL conical 4 x 3 x 50 mL conical 6 x 100 mL 4 x 250 mL	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 (FR*) (FR* only for 1580R)	4 x 4 x MTP 4 x DWP 4 x 21 x vacuum tube 4 x 20 x 15 mL 4 x 16 x 15 mL conical 4 x 5 x 50 mL conical 6 x 100 mL 4 x 250 mL 4 x 500 mL 4 x 750 mL	48 x 2.0 mL 20 x 5.0 mL 12 x 15 mL conical 8 x 50 mL 8 x 50 mL conical 6 x 85 mL 6 x 250 mL	4 x 6 MTP 4 x DWP 4 x 38 x vacuum tube 4 x 29 x 15 mL 4 x 29 x 15 mL conical 4 x 13 x 50 mL conical 6 x 100 mL 4 x 2 x 250 mL 4 x 500 mL 4 x 750 mL 4 x 1,000 mL

HIGH CAPACITY, HIGH-SPEED CENTRIFUGES

1736R High speed, compact refrigerated centrifuge 475(w) x 620(d) x 830(h) mm 110 kg	2236R High speed, high capacity centrifuge for multi-users core facilities 824(w) x 634(d) x 1,049(h) mm 240 kg
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FIXED ANGLE ROTOR MAX 17,000 rpm MAX 32,310 xg	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg	FIXED ANGLE ROTOR MAX 22,000 rpm MAX 54,111 xg	SWING-OUT ROTOR MAX 5,000 rpm MAX 5,394 xg
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	4 x 4 MTP 4 x DWP 4 x 12 x vacuum tube 4 x 12 x 15 mL 4 x 9 x 15 mL conical 4 x 3 x 50 mL conical 4 x 250 mL	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	4 x 4 MTP 4 x DWP 4 x 12 x vacuum tube 4 x 12 x 15 mL 4 x 9 x 15 mL conical 4 x 3 x 50 mL conical 4 x 250 mL