

1536



GYROZEN 1536 will be the new standard micro centrifuge in the laboratory. 1536 boasts a smooth curve design and a unique ergonomic user interface in its class. As many as 36 microtubes and 12 0.2 ml-tubes can be operated simultaneously at up to 15,000 rpm. It is suitable for all molecular biology applications as it can accommodate from 0.2 ml tube containing PCR strip to 5.0 ml tube. 1536 has an intuitive and user-friendly interface with a wide LCD display to check the operation status and the setting parameters simultaneously. It provides easy and sophisticated controls such as "At Set Speed" for timed runs at the set speed, 100 programs saving and adjustability of parameters during operation. The new "Easy-Lock" rotors deliver operators the highest easiness and comfort to handle frequent routine works. You can enjoy not only artistic design but also convenient operational experiences with our 1536.

► Applications

- Molecular works of cell collection, phenol extraction, simple spin-down, filter tube separation, etc.

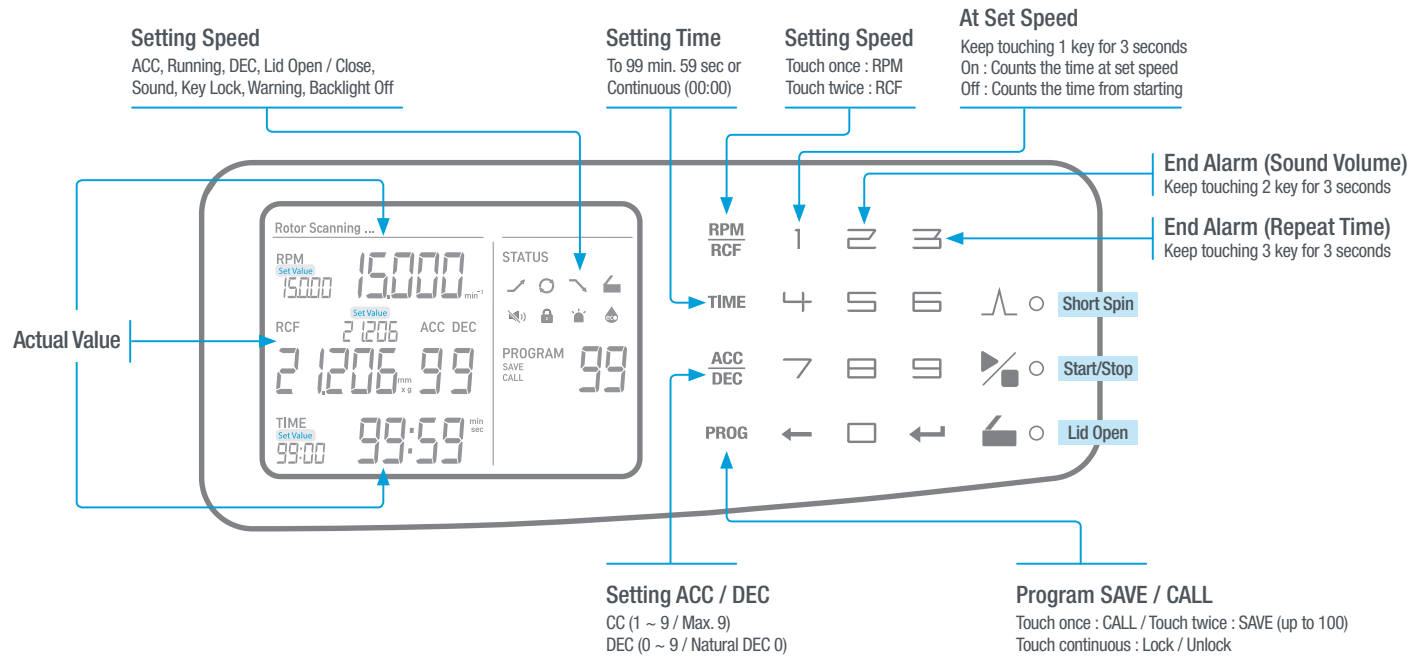
► Technical Specifications

Max. RPM/RCF	15,000 / 21,583 xg	Imbalance cut-off	Yes
Max. capacity	36 x 1.5/2.0 ml, 10 x 5.0 ml, 4 x 8-tube PCR strips	Safety lid lock	Yes
Time control	Pulse, timed < 100 min or continuous	Lid drop protection	Yes
Time counting modes	Selectable, at set speed or from starting	Motorized lid open & close	Yes
RPM/RCF conversion	Yes	Automatic lid release at completion	Yes
Noise level (dB)	~ 60	Chamber material	Aluminum/Anodizing
ACC/DEC (step or time)	9 / 10 steps (15 / 15 sec)	Power supply	230 V, 50 Hz (AC 220-230 V, 50/60 Hz; 110 V optional)
Program memory	100	Power requirement (VA)	450
Parameters on display window	Simultaneous display of all parameters of set and actual figures	Dimension (W x D x H, mm)	240 x 378 x 240
Display	3.5" LCD	Weight without rotor (kg)	11.9
		CE mark	Yes
		Cat. No.	GZ-1536

► Features

- Compact design built to accommodate PCR tubes, microtubes and filter tubes (0.2 to 5.0 ml)
- Soft touch control panel is highly sensitive and intuitive to input parameters.
- 3.5" LCD window with simultaneous display of all operational parameters of set and actual figures
- Selectable time mode of "at set SPEED" for counting running time only when reached the set speed
- A separate "PULSE" key for quick spin
- Parameters can be changed during operation.
- Key lock function helps the set-parameters secured during operation.
- Lid drop protection design allows easiness and safety when loading or unloading sample.
- With motorized lid mechanics, only a gentle touch is sufficient to close and open the lid.
- Aerosol-tight, bio-seal Easy-Lock rotor with a set of O-rings

▶ Control Panel



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Fixed Angle Rotor, GRE-m2.0-24

24 x 1.5/2.0 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube fit (mm) : 52

Tube			
Tube capacity (ml)	0.2	0.5	1.5/2.0
Adaptor			None
Cat No.	GAS-m0.2(2)	GAS-m0.5(2)	-
Adaptor bore ($\Phi \times L$, mm)	6.5 x 23	8 x 31	-
Radius (mm)	67	73	84.3
Max.RPM	15,000		
Max.RCF (g-force)	16,854	18,363	21,206



Fixed Angle Rotor, GRE-m2.0-36

36 x 1.5/2.0 ml (12 x 0.2 ml)
 $\angle 45^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube fit (mm) : 52

Tube					
Tube capacity (ml)	0.2	0.5	0.2	1.5/2.0	2 ml filter tube
Adaptor			None	None	None
Cat No.	GAS-m0.2(2)	GAS-m0.5(2)	-	-	-
Adaptor bore ($\Phi \times L$, mm)	6.5 x 23	8 x 31	-	-	-
Radius (mm)	53.5/67	60.5/73	58.2	70.9/84.3	59.1
Max.RPM	15,000				
Max.RCF (g-force)	13,458/16,854	15,219/18,363	14,640	17,835/21,206	14,867

* It can accommodate only 12 x 2 ml filter tubes in the inner line.



Fixed Angle Rotor, GRE-s0.2-32

8 x 8-Tube PCR strips, 32 x 0.2 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 6.5
 Max. height for tube fit (mm) : 16

Tube		
Tube capacity (ml)	0.2	8-Strip tube
Radius (mm)	56.4	
Max.RPM	15,000	
Max.RCF (g-force)	14,187	



Fixed Angle Rotor, GRE-m5.0-10

10 x 5.0 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 17
 Max. height for tube fit (mm) : 68

Tube	
Tube capacity (ml)	5.0
Adaptor	None
Cat No.	-
Adaptor bore ($\Phi \times L$, mm)	-
Radius (mm)	85.8
Max.RPM	15,000
Max.RCF (g-force)	21,583