

Micro Centrifuges

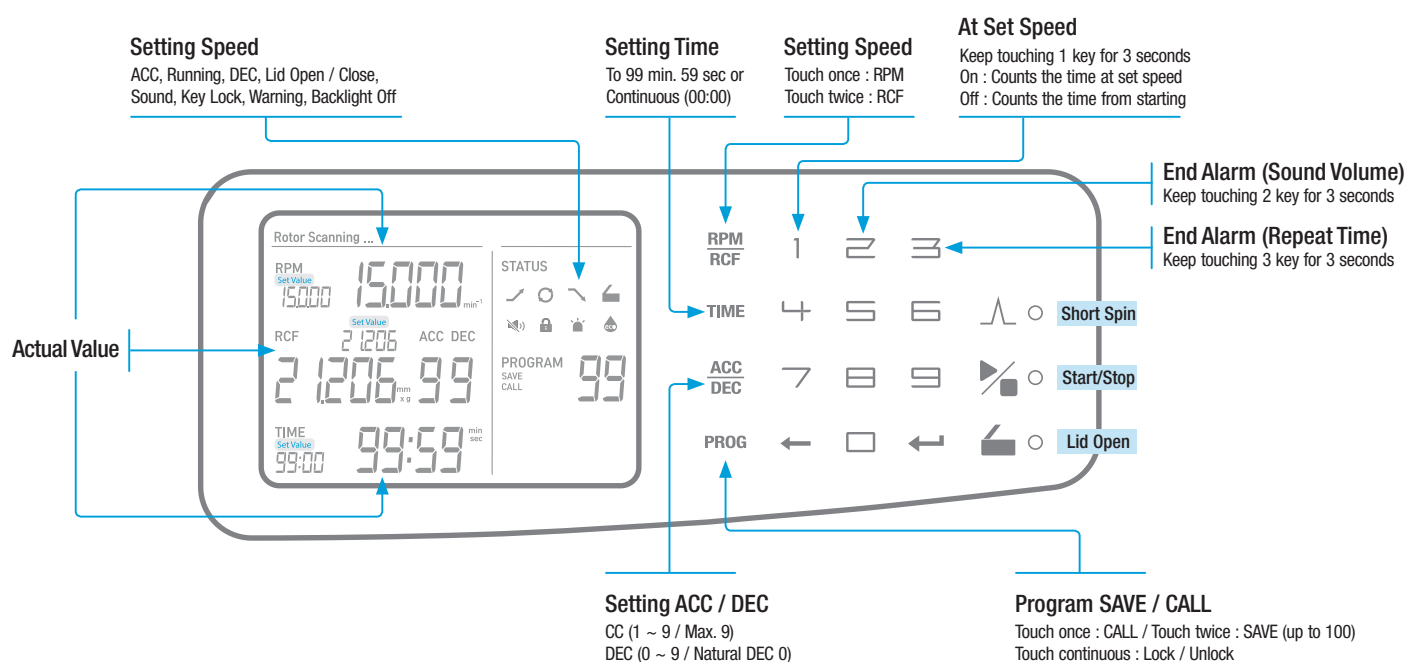
High Speed Microcentrifuge



726 536 will be the new standard micro centrifuge in the laboratory. 726 536 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.

726 536 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.

► Control Panel



Micro Centrifuges

► 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

► Technical Specifications :






Model No.	726 536
Max. RPM	15,000 rpm
Max. RCF	21,583 xg
Max. Capacity	36 x 1.5/2.0 ml, 10 x 5.0 ml, 4 x 8-tube PCR strips
Time control	Pulse, timed < 100 min or continuous
Time counting modes	Selectable, at set speed or from starting
RPM/RCF conversion	Yes
Noise level (dB)	~ 60
ACC/DEC (step or time)	9 / 10 steps (15 / 15 sec)
Program memory	100
Parameters on display window	Simultaneous display of all parameters of set and actual figures
Display	3.5" LCD
Imbalance cut-off	Yes
Safety lid lock	Yes
Lid drop protection	Yes
Motorized lid open & close	Yes
Automatic lid release at completion	Yes
Chamber material	Aluminum/Anodizing
Power supply	230 V, 50 Hz (AC 220-230 V, 50/60 Hz; 110 V optional)
Power requirement (VA)	450
Dimension (W x D x H, mm)	240 x 378 x 240
Weight without rotor (kg)	11.9
CE mark	Yes

► Rotors & Adaptors



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 it (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 (ΦxL, 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

Micro Centrifuges



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 it (mm) : 52



Tube					
Tube capacity (ml)	0.2	0.5	0.2	1.5/2.0	2 ml lilter 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 lilter 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 it (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 it (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

Micro Centrifuges

High Speed Refrigerated Microcentrifuge



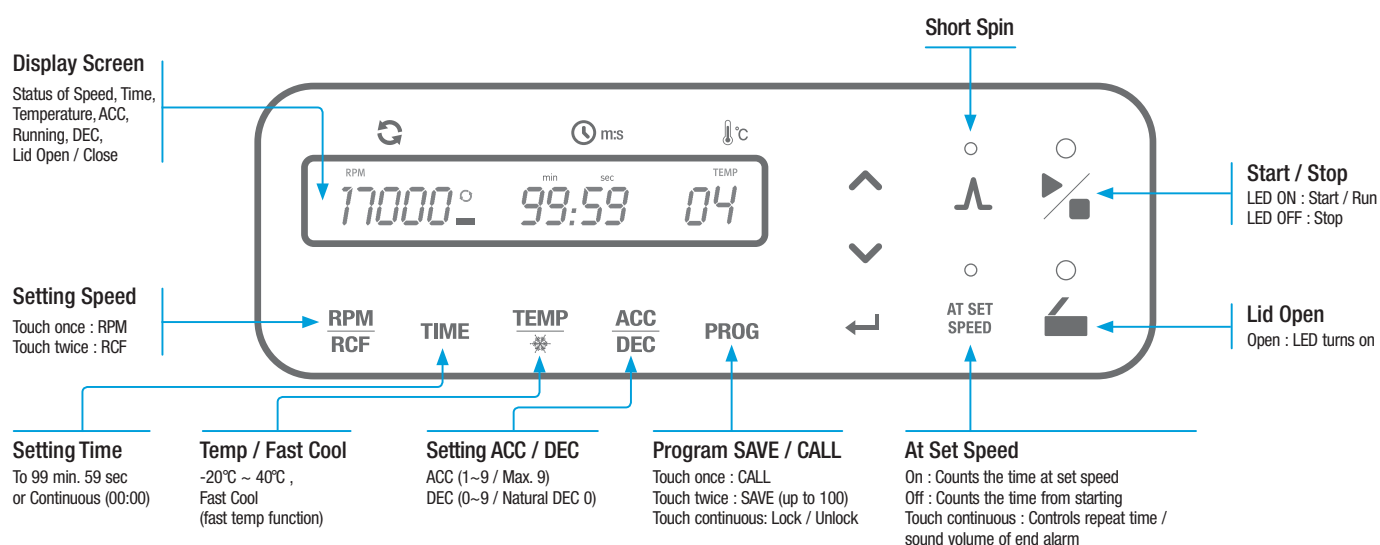
Venchal Scientific refrigerated high-speed micro centrifuge, 726 7304 is a must-have for the experiments in molecular and cellular biology.

It can accommodate up to 30 microtubes or 12 x 5 ml-tubes. With the most popular 24 hole micro-rotor, maximum 17,000 rpm (27,237 x g) can be reached even at 4°C. Its powerful refrigeration system specifies the temperature range from -20°C to + 40°C and offers "FASTCOOL" function of cooling down to 4 °C in 5 minutes.

All rotor types have been extended to the new "Easy-Lock" lid, allowing easy and convenient rotor lid opening and closing. The Teflon-coated chamber of 726 7304 is more resistant to organic solvents, reactive or corrosive chemicals.

The powerful and compact refrigerated micro centrifuge 726 7304 is one of the best products. It will be a perfect tool to get the results you want in your laboratory.

► Control Panel



Micro Centrifuges

► Features :

- The refrigerated microcentrifuge, 726 7304 is a "must-have" item for molecular and cellular lab works with max. speed of 17,000 rpm (27,237 xg)
- Maximum capacity for 12 x 5 ml tubes or 30 x 1.5/2.0 ml tubes or 18 microfilter tubes or 64 PCR tubes
- Fast cooling function to 4°C in 5 minutes for fast start up of cooled samples
- The compressor-off function when lid is open minimizes unnecessary cooling and frosting.
- Teflon coated rust-free chamber
- Very quiet operation at less than 56 dB allows for comfortable laboratory environment.
- 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.
- Aerosol-tight, bio-seal Easy-Lock rotor with a set of O-rings



► Technical Specifications :

Model No.	726 7304
Max. RPM	Fixed angle 17,000 RPM, Swing-out 13,000 RPM
Max. RCF	Fixed angle 27,237 xg, Swing-out 16,343 xg
Max. Capacity	Fixed angle 30 x 1.5/2.0 ml, 12 x 5.0 ml, 8 x 8-tube PCR strips, Swing-out 16 x 1.5/2.0 ml
Temp. range (°C)	-20°C to +40°C
FAST cool button	Yes
Time control	Pulse, timed < 100 min or continuous
Time counting modes	Selectable, at set speed or from starting
RPM/RCF conversion	Yes
Noise level (dB)	~ 56
ACC/DEC (step or time)	9/10 steps (17/17 sec)
Program memory	100
Parameters on display window	RPM (RCF), Oper Status, Lid Open/Close, Min:Sec, Temp, ACC, DEC
Display	Blue LCD
Automatic rotor identification	Yes
Imbalance cut-off	Yes
Safety lid lock	Yes
Lid drop protection	Yes
Chamber material	SUS304/Teflon-coated
Power supply	230 V, 50 Hz (AC 220-230 V, 50/60 Hz; 110 V optional)
Power requirement (kVA)	2.0
Dimension (W x D x H, mm)	310 x 620 x 290
Weight without rotor (kg)	43
CE mark	Yes

Micro Centrifuges

► Rotors & Adaptors



Fixed Angle Rotor, GRE-M-m2.0-24

24 x 1.5/2.0 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube it (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	17,000		
Max.RCF (g-force)	21,648	23,910	27,237



Fixed Angle Rotor, GRE-M-m2.0-30

30 x 1.5/2.0 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube it (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)	79	86	96.4
Max.RPM	14,000		
Max.RCF (g-force)	17,311	18,845	21,124



Fixed Angle Rotor, GRE-M-m2.0-18

18 x 1.5/2.0 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube it (mm) : 65

Tube				
Tube capacity (ml)	0.2	0.5	1.5/2.0	2 ml liter tube
Adaptor			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)	57.8	63.8	75.1	64.2
Max.RPM	15,000			
Max.RCF (g-force)	14,540	16,049	18,891	16,150



Fixed Angle Rotor, GRE-M-s0.2-64

8 x 8-Tube PCR strips, 64 x 0.2 ml
 $\angle 45^\circ$
 Hole diameter (mm) : 6.5
 Max. height for tube it (mm) : 16

Tube		
Tube capacity (ml)	0.2	8-Strip tube
Radius (mm)	1st : 58.6 / 2nd : 67.1	
Max.RPM	12,500	
Max.RCF (g-force)	1st : 10,237 / 2nd : 11,722	

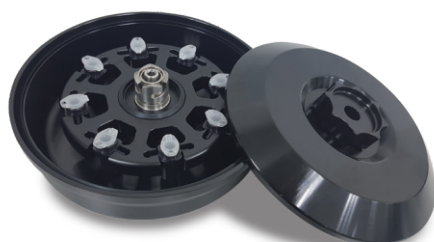
Micro Centrifuges



Fixed Angle Rotor, GRE-M-m5.0-12

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

Tube	
Tube capacity (ml)	5.0
Adaptor	None
Cat No.	-
Adaptor bore ($\Phi \times L$, mm)	-
Radius (mm)	91.3
Max.RPM	15,000
Max.RCF (g-force)	22,967



Swing-out Rotor, GRD-M-m2.0-8

8 x 1.5/2.0 ml
 $\angle 90^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube it (mm) : 48



**Bucket,
GLB-m2.0(8)**

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)	68.5	76.5	86.5
Max.RPM	13,000		
Max.RCF (g-force)	12,943	14,454	16,343



Swing-out Rotor, GRD-M-m2.0-16

16 x 1.5/2.0 ml
 $\angle 90^\circ$
 Hole diameter (mm) : 11.1
 Max. height for tube it (mm) : 43



**Bucket,
GLB-m2.0-4(16)**

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)	66	74	83
Max.RPM	13,000		
Max.RCF (g-force)	12,470	13,982	15,682