



## VARISPIN 6 MULTI CENTRIFUGE

Compact and versatile air-cooling centrifuge with high capacity



### ● ● ● STANDARD SPECIFICATION



Max. RPM	6,000rpm	5,000rpm
Max. RCF	Angle Rotor 5,357 xg	Swing Rotor 4,724 xg
Max. Capacity	50ml x 8 / 15ml x 36	250ml x 4
Accel / Decel phase	0 ~ 5 (6 Step)	
Noise Level	≤60dB	
Set Time	99 min 59sec or continuous	
Time Count	From start / From set-up RPM	
Program	10 memory	
Display	Blue LCD	
Display message on screen	RPM(RCF), Time, ACC, DEC, Program	
RPM Range	400 to 6,000 RPM	
Available Rotor Quantity	8	
Power Supply	V6-MB	AC 230V ± 10%, 50-60Hz, 1Phase
	V6-MBT	AC 120V ± 10%, 50-60Hz, 1Phase
	V6-MBJ	AC 100V ± 10%, 50-60Hz, 1Phase
Power Consumption	1,000W	
Dimension(W x D x H)	427 x 560 x 307 mm(H:718mm with open lid)	
Weight (without rotor)	32kg	

## ● ● ● MAIN FEATURE

### ● Optimal Footprint in class & Wide Range of Application

- This model makes better use of space in most work tables
- This model supports a variety of rotor options
- It can be used widely thanks to high capacity.  
Max. 36pcs of 15ml tube can be accommodated.

### ● Various Rotors

Up to 250ml tube can be loaded

### ● Efficient Centrifugation based on Higher Centrifugal Force in class

Up to 5,357 xg with swing rotor

### ● Visible Blue Screen & Control Panel

Blue screen with optimized configuration shows the needful information such as RPM/RCF, Run time and Program number.

#### Easy view enables uses to adjust the value at easy manner

- User can change the speed/g-force easily
- User can choose the run time easily
- ▶ For more quick setting, user can just recall the saved program (total 10 memory spaces)









## ● ● ● ORDER INFORMATION

	ITEM	DESCRIPTIONS	ORDER CODE
Main Body	VARISPIN 6	VARISPIN 6, without rotor, 230V/50~60Hz	V6-MB
	VARISPIN 6	VARISPIN 6, without rotor, 120V/50~60Hz	V6-MBT
	VARISPIN 6	VARISPIN 6, without rotor, 100V/50~60Hz	V6-MBJ
Angle Rotor	AL1615G	15ml x 16 fixed angle rotor with 15ml stainless steel sleeves (Max 4,000RPM)	V6-AR1
	AL2415G	15ml x 24 fixed angle rotor with 15ml stainless steel sleeves (Max 4,000RPM)	V6-AR2
	A850GC	50ml Conical x 8 fixed angle rotor for conical tubes (Max 6,000RPM)	V6-AR3
Swing Rotor	S4100G	100ml x 4-wing swing rotor for round buckets (Max 4,000RPM)	V6-SR1
	S650G	50ml x 6-wing swing rotor for round buckets (Max 4,000RPM)	V6-SR2
	S450G	50ml x 4-wing swing rotor for round buckets (Max 5,000RPM)	V6-SR3
	S4250GE	250ml x 4-wing swing rotor for round buckets (Max 3,500RPM)	V6-SR4
	S2G-MTP	2-wing micro plate swing rotor (Max 4,000RPM)	V6-SR5









## ••• AVAILABLE ANGLE ROTORS




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CENTRIFUGES





















AL1615G	F15A-3	F15A-5				
 <p>Fixed Angle rotor <math>\angle 45^\circ</math> 16 x 15ml Radius(mm) : 150.3</p>						
						
<b>Volume (ml)</b>	3	5	10	15	15 Conical	
<b>Number per rack / rotor</b>	16	16	16	16	16	
<b>Adaptor bore (mm)</b>	13.5	13.5	18	18	18	
<b>Max. height for use (mm)</b>	130	152	136	136	136	
<b>RPM</b>	4,000	4,000	4,000	4,000	4,000	
<b>Radius (mm)</b>	130.3	148.7	150.3	150.3	144.8	
<b>RCF</b>	2,331	2,660	2,689	2,689	2,590	

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AL2415G	F15A-3	F15A-5				
 <p>Fixed Angle rotor <math>\angle 45^\circ</math> 24 x 15ml Radius(mm) : In 131 / Out 144.5</p>						
						
<b>Volume (ml)</b>	3	5	10	15	15 Conical	
<b>Number per rack / rotor</b>	24	24	24	24	24	
<b>Adaptor bore (mm)</b>	13.5	13.5	18	18	18	
<b>Max. height for use (mm)</b>	115	139	139	120	120	
<b>RPM</b>	4,000	4,000	4,000	4,000	4,000	
<b>Radius (mm)</b>	In 111 Out 124.5	In 129.4 Out 142.9	In 131 Out 144.5	In 131 Out 144.5	In 125.5 Out 139	
<b>RCF</b>	In 1,986 Out 2,227	In 2,315 Out 2,556	In 2,343 Out 2,585	In 2,343 Out 2,585	In 2,245 Out 2,486	

A850GC	F50CA-15C						
							
Fixde Angle rotor $\angle 30^\circ$ 8 x 50ml Radius(mm) : 133.1							
<b>Volume (ml)</b>	15 Conical	50 Conical					
<b>Number per rack / rotor</b>	8	8					
<b>Adaptor bore (mm)</b>	17	30					
<b>Max. height for use (mm)</b>	130	130					
<b>RPM</b>	6,000	6,000					
<b>Radius (mm)</b>	130.3	133.1					
<b>RCF</b>	5,244	5,357					

## ● ● ● AVAILABLE SWING ROTORS










S4100G	B100									
										
Swing Out Rotor Max. RPM : 4,000 Radius(mm) : 167 Max. RCF : 2,987	S100T-1.5-6	S100T-5-5	S100T-10-4	S100T-15-3	S100T-15C-3	S100A-50	S100A-50C	S100A-85	S100A-100	
										
										
<b>Volume (ml)</b>	1.5	5	10	15	15 Conical	50	50 Conical	85	100	
<b>Number per rack / rotor</b>	6/24	5/20	4/16	3/12	3/12	1/4	1/4	1/4	1/4	
<b>Adaptor bore (mm)</b>	11	13.5	16	17.5	17	29.5	30	38.5	44	
<b>Max. height for use (mm)</b>	130	130	130	130	133	130	133	130	130	
<b>RPM</b>	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	
<b>Radius (mm)</b>	164	164	164	164	167	164	167	164	164	
<b>RCF</b>	2,934	2,934	2,934	2,934	2,987	2,934	2,987	2,934	2,934	



















## ••• AVAILABLE SWING ROTORS





















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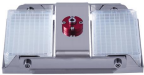


CENTRIFUGES

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S650G	B50								
									
	S50A-15C	S50A-15	S50A-50C						
									
									
Swing Out Rotor Max. RPM : 4,000 Radius(mm) : 167 Max. RCF : 2,987									
Volume (ml)	15 Conical	15	50 Conical	50					
Number per rack / rotor	1/6	1/6	1/6	1/6					
Adaptor bore (mm)	17	17.5	30	-					
Max. height for use (mm)	126	123	126	126					
RPM	4,000	4,000	4,000	4,000					
Radius (mm)	167	164	167	167					
RCF	2,987	2,934	2,987	2,987					

S450G	Rack Holder								
									
	ST-1	ST-2	ST-3	ST-4	SB15-4	SB15-8	SB50-1	SB50-2	
									
									
Swing Out Rotor Max. RPM : 5,000 Radius(mm) : 169 Max. RCF : 4,724									
Volume (ml)	3	5	10	15	15 Conical	15	50	50	
Number per rack / rotor	20/80	14/56	12/48	8/32	4/16	8/32	1/4	2/8	
Adaptor bore (mm)	10	12	14	17	18	18	39	39	
Max. height for use (mm)	110	105	100	100	130	110	130	120	
RPM	3,500	3,500	3,500	3,500	3,500	3,500	5,000	3,500	
Radius (mm)	153.4	153.4	153.4	153.4	172.5	160.5	169.0	169.0	
RCF	2,101	2,101	2,101	2,101	2,362	2,198	4,724	2,315	

S4250GE	EB250									
										
										
										
Swing Out Rotor Max. RPM : 3,500 Radius(mm) : 167.5 Max. RCF : 2,294										
<b>Volume (ml)</b>	3	5	10	15	15 Conical	50	50 Conical	85	250	
<b>Number per rack / rotor</b>	12/48	12/48	12/48	12/48	7/28	4/16	3/12	2/8	1/4	
<b>Adaptor bore (mm)</b>	13.2	13.2	16	17.2	17	29.5	29.5	38.5	62.5	
<b>Max. height for use (mm)</b>	110	110	110	110	120	110	115	110	120	
<b>RPM</b>	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	
<b>Radius (mm)</b>	162.5	162.5	162.5	162.5	167.5	162.5	167.5	162.5	165.5	
<b>RCF</b>	2,226	2,226	2,226	2,226	2,294	2,226	2,294	2,226	2,267	

S2G-MTP										
										
Swing Out Rotor Max. RPM : 4,000 Radius(mm) : 112 Max. RCF : 2,003										
<b>Volume (ml)</b>	MTP	DWP								
<b>Number per rack / rotor</b>										
<b>Adaptor bore (mm)</b>										
<b>Max. height for use (mm)</b>										
<b>RPM</b>	4,000	4,000								
<b>Radius (mm)</b>	112	112								
<b>RCF</b>	2,003	2,003								