

HIGH SPEED CENTRIFUGE VELOSPIN 22R

강력한 파워와 월등한 시료 처리량으로
실험 효율성을 극대화한
다목적 냉장 고속원심분리기



STANDARD SPECIFICATION

Max. RPM	22,000RPM(Angle Rotor)
Max. RCF	54,057 xg
Max. Capacity	1,000ml x 6
Accel / Decel phase	0 ~ 9 (10set)
Set Temp.	-10℃ ~ +40℃ (1℃increments)
Ref. System	Non-CFC
Noise Level	≤60dB
Set Time	99 hour 59 min 59sec or continuous
Time Count	At set Speed or from starting
Program	100 memory
Rotor ID	Automatic Recognition
Display	4.3" LCD Touch Screen
Display message on screen	RPM, RCF, Time, Door open/close, Temp, ACC/DEC, Rotor ID, Program, Comp. On/Off, Key Lock
RPM Range	400 to 22,000 rpm
Available Rotor Quantity	13
Power Supply	230V ± 10%, 50-60Hz, 1Phase
Power Consumption	5,8KW
Dimension(W x D x H)	667 x 772 x 890 mm (H: 1530 mm with open lid)
Weight (without rotor)	232kg

MAIN FEATURE



에너지 절약

ESG 트렌드에 맞추어, 에너지 절약 기능을 지원합니다.

- 대기 모드 종료 기능
- 냉장 기능 자동 Shut-Off 기능

이를 통해 불필요한 에너지 사용을 예방할 수 있습니다.



Biocontainment 액세서리 패키지



고속 운전 중 높은 안전성



이상적인 보안기능



저소음 구현



냉장 및 신속 냉각 기능



다양한 튜브 적용



다양한 튜브 적용

0.2ml ~ 1,000ml의 다양한 튜브 사용 가능
적절한 튜브어댑터 선택 가능

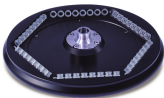
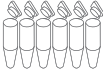
0.2 Tube range 1,000



광범위한 어플리케이션

각기 다른 목적의 여러 사용자를 위한 다양한 로터 옵션을 제공합니다.

AVAILABLE ANGLE ROTORS

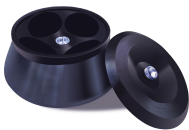
Rotor	 Fixed Angle Rotor : $\angle 45^\circ$ 48 x 0.2ml Radius(mm) : 83.5			 Fixed Angle Rotor : $\angle 45^\circ$ 30 x 1.5ml Radius(mm) : 94.8			 Fixed Angle Rotor : $\angle 45^\circ$ 48 x 1.5ml Radius(mm) : 94.8		
Item	A480.2H			A301.5H			A481.5H		
Tube									
Volume (ml)	0.2	0.2ml Strips		0.2	0.5	1.5/2.0	0.2	0.5	1.5/2.0
Adaptor / tube rack									
Item	-	-	F1.5A-0.2	F1.5A-0.5	-	-	F1.5A-0.2	F1.5A-0.5	-
Number per rack / rotor	48	6	30	30	30	30	48	48	48
Adaptor bore (mm)	6.5	6.5	6.5	8	11.1	11.1	6.5	8	11.1
Max. height for use (mm)	-	-	44	52	61	61	In 51 Out 44	In 62 Out 54	In 70 Out 61
RPM	12,000	12,000	22,000	22,000	22,000	22,000	13,000	13,000	13,000
Radius (mm)	83.5	83.5	80.3	86.7	94.8	94.8	In 70.3 Out 80.3	In 76.7 Out 86.7	In 84.8 Out 94.8
RCF	13,443	13,443	43,451	46,914	51,297	51,297	In 13,283 Out 15,172	In 14,492 Out 16,381	In 16,022 Out 17,912

AVAILABLE ANGLE ROTORS

Rotor	 Fixed Angle Rotor : $\angle 28^{\circ}$ 12 x 15ml Radius(mm) : 97.1	 Fixed Angle Rotor : $\angle 25^{\circ}$ 12 x 15ml Conical Radius(mm) : 100.9	  Fixed Angle Rotor : $\angle 30^{\circ}$ 6 x 50ml Radius(mm) : 99.9	  Fixed Angle Rotor : $\angle 25^{\circ}$ 6 x 50ml Conical Radius(mm) : 95.7		
Item	A1215H	A1215HC	A650H	A650HC		
Tube			 	 		
Volume (ml)	15(16)	15 Conical	15 Conical 50	15 Conical 50 Conical		
Adaptor / tube rack						
Item	-	-	F50A-15C	-	F50CA-15C	-
Number per rack / rotor	12	12	6	6	6	6
Adaptor bore (mm)	18.0	17.0	17.0	29.0	17.0	30.0
Max. height for use (mm)	117	129	122	120	124	121
RPM	20,000	20,000	22,000	22,000	17,000	17,000
Radius (mm)	97.1	100.9	94.3	99.9	91.3	95.7
RCF	43,423	45,122	51,027	54,057	29,499	30,921

Rotor	 Fixed Angle Rotor : $\angle 30^\circ$ 8 x 50ml Radius(mm) : 103.4		 Fixed Angle Rotor : $\angle 25^\circ$ 6 x 85ml Radius(mm) : 99.8			  Fixed Angle Rotor $\angle 25^\circ$ 6 x 250ml Radius(mm) : 138.4	
Item	A850H		A685H				A6250H
Tube							
Volume (ml)	15 Conical	50	15 Conical	50 Conical	50	85	250
Adaptor / tube rack							
Item	F50A-15C	-	F85A-15C	F85A-50C	F85A-50	-	-
Number per rack / rotor	8	8	6	6	6	6	6
Adaptor bore (mm)	17.0	29.0	17.0	30.0	29.0	39	62.0
Max. height for use (mm)	123	120	123	122	118	118	126
RPM	20,000	20,000	20,000	20,000	20,000	20,000	12,000
Radius (mm)	97.8	103.4	90.7	94.8	95.3	99.8	138.4
RCF	43,736	46,240	40,561	42,395	42,618	44,631	22,281

AVAILABLE ANGLE ROTORS

Rotor	  Fixed Angle Rotor : $\angle 25^\circ$ 6 x 500ml Radius(mm) : 158	 Fixed Angle Rotor : $\angle 25^\circ$ 4 x 1000ml Radius(mm) : 169.1	  Fixed Angle Rotor : $\angle 25^\circ$ 6 x 1000ml Radius(mm) : 198.3	
Item	A6500H	A41000H	A61000H	
Tube				
Volume (ml)	500	1,000	1,000	
Adaptor / tube rack				
Item	-	-	-	
Number per rack / rotor	6	4	6	
Adaptor bore (mm)	70.0	98.0	98.0	
Max. height for use (mm)	169	175	177	
RPM	10,000	8,000	7,000	
Radius (mm)	158	169.1	198.3	
RCF	17,664	12,099	10,863	

ORDER INFORMATION

	ITEM	DESCRIPTIONS	ORDER CODE
Main Body	VELOSPIN 22R	VELOSPIN 22R, without rotor, 230V / 50~60Hz	VL22R-MB
Angle Rotor	A480.2H	0.2ml x 48 fixed angle rotor for PCR tubes (Max 12,000RPM)	VL-AR1
	A301.5H	1.5/2.0ml x 30 fixed angle rotor (Max 22,000RPM)	VL-AR2
	A481.5H	1.5/2.0ml x 48 fixed angle rotor (Max 13,000RPM)	VL-AR3
	A1215H	15ml x 12 fixed angle rotor (Max 20,000RPM)	VL-AR4
	A1215HC	15ml x 12 fixed angle rotor for conical tubes (Max 20,000RPM)	VL-AR5
	A650H	50ml x 6 fixed angle rotor (Max 22,000RPM)	VL-AR6
	A650HC	50ml x 6 fixed angle rotor for conical tubes (Max 17,000RPM)	VL-AR7
	A850H	50ml x 8 fixed angle rotor (Max 20,000RPM)	VL-AR8
	A685H	85ml x 6 fixed angle rotor (Max 20,000RPM)	VL-AR9
	A6250H	250ml x 6 fixed angle rotor (Max 12,000RPM)	VL-AR10
	A6500H	500ml x 6 fixed angle rotor (Max 10,000RPM)	VL-AR11
	A41000H	1000ml x 4 fixed angle rotor (Max 8,000RPM)	VL-AR12
	A61000H	1000ml x 6 fixed angle rotor (Max 7,000RPM)	VL-AR13

