

CRYSTE

HIGH SPEED CENTRIFUGE VELOSPIN 17R

강력한 파워와 대용량 시료 처리 능력을
모두 갖춘 다목적 냉장 고속원심분리기



STANDARD SPECIFICATION

Max. RPM	17,000RPM(Angle Rotor)
Max. RCF	32,278 xg
Max. Capacity	500ml 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 17,000 rpm
Available Rotor Quantity	11
Power Supply	230V ± 10%, 50-60Hz, 1Phase
Power Consumption	2,8KW
Dimension(W x D x H)	564 x 673 x 866 mm (H: 1475 mm with open lid)
Weight (without rotor)	168Kg

MAIN FEATURE



정확하고 안정적인 온도 유지 가능

효율적인 냉장제어 기술과 로터의 마찰열을 최소화하는 내부 설계를 통하여, 온도에 민감한 시료의 안전한 실험을 보장합니다.



CRYSTE FLIP 터치 컨트롤러

사용자 친화적인 4.3 인치 Full컬러 터치 LCD 컨트롤러 모든 설정 파라미터를 한눈에 확인 가능 터치패드 잠금 장치를 통한, 작동 중 오용 방지



Biocontainment 액세서리 패키지

생물학적 유해 물질 취급을 위한 옵션 TUV NORD로부터 안전 인증 (IEC61010-2-020 :2016 Annex AA) 받은 바이오셀을 갖춘 버킷



고속 운전 중 높은 안전성



광범위한 어플리케이션



이상적인 보안기능



저소음 구현



에너지절약

AVAILABLE ANGLE ROTORS

Rotor	 Fixed Angle Rotor : ∠45° 48 x 0.2ml Radius(mm) : 83.5		 Fixed Angle Rotor : ∠45° 30 x 1.5ml Radius(mm) : 94.8			 Fixed Angle Rotor : ∠45° 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	48	48	48
Adaptor bore (mm)	6.5	6.5	6.5	8	11.1	6.5	8	11.1
Max. height for use (mm)	-	-	44	50	61	In 51 Out 44	In 62 Out 54	In 70 Out 61
RPM	12,000	12,000	17,000	17,000	17,000	13,000	13,000	13,000
Radius (mm)	83.5	83.5	80.3	86.7	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	25,945	28,013	30,630	In 13,283 Out 15,172	In 14,492 Out 16,381	In 16,022 Out 17,912

AVAILABLE ANGLE ROTORS

Rotor					 BEST		 BEST	
	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	17,000		15,000		17,000	17,000	15,000	15,000
Radius (mm)	97.1		100.9		94.3	99.9	91.3	95.7
RCF	31,373		25,381		30,469	32,278	22,967	24,073

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			
Item	A850H		A685H			
Tube						
Volume (ml)	15 Conical	50	15 Conical	50 Conical	50	85
Adaptor / tube rack						
Item	F50A-15C	-	F85A-15C	F85A-50C	F85A-50	-
Number per rack / rotor	8	8	6	6	6	6
Adaptor bore (mm)	17.0	29.0	17.0	30.0	29.0	39
Max. height for use (mm)	123	120	123	122	118	118
RPM	15,000	15,000	15,000	15,000	15,000	15,000
Radius (mm)	97.8	103.4	90.7	94.8	95.3	99.8
RCF	24,602	26,010	22,816	23,847	23,973	25,105

AVAILABLE ANGLE ROTORS

Rotor	 Fixed Angle Rotor : $\angle 25^\circ$ 6 x 250ml Radius(mm) : 138.4	 Fixed Angle Rotor : $\angle 25^\circ$ 6 x 500ml Radius(mm) : 158	
Item	A6250H	A6500H	
Tube			
Volume (ml)	250	500	
Adaptor / tube rack			
Item	-	-	
Number per rack / rotor	6	6	
Adaptor bore (mm)	62.0	70.0	
Max. height for use (mm)	126	169	
RPM	10,000	8,000	
Radius (mm)	138.4	158	
RCF	15,473	11,305	

ORDER INFORMATION

	ITEM	DESCRIPTIONS	ORDER CODE
Main Body	VELOSPIN 17R	VELOSPIN 17R, without rotor, 230V / 50~60Hz	VL17R-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 17,000RPM)	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 17,000RPM)	VL-AR4
	A1215HC	15ml x 12 fixed angle rotor for conical tubes (Max 15,000RPM)	VL-AR5
	A650H	50ml x 6 fixed angle rotor (Max 17,000RPM)	VL-AR6
	A650HC	50ml x 6 fixed angle rotor for conical tubes (Max 15,000RPM)	VL-AR7
	A850H	50ml x 8 fixed angle rotor (Max 15,000RPM)	VL-AR8
	A685H	85ml x 6 fixed angle rotor (Max 15,000RPM)	VL-AR9
	A6250H	250ml x 6 fixed angle rotor (Max 10,000RPM)	VL-AR10
	A6500H	500ml x 6 fixed angle rotor (Max 8,000RPM)	VL-AR11

