

CRYSTE ✦

LABORATORY & SEPARATION TECHNOLOGY

Bio Safety Cabinets • Centrifuges
Autoclaves • Ovens • Incubators • Baths

www.cryste.co.kr

MEDICAL CENTRIFUGES

CRYSTE MEDICAL SOLUTIONS

크리스탈 **med** CRYSTE MEDICAL



CRYSTE Centrifuge Selection Guide

emed CRYSTE MEDICAL Centrifuge	Micro				Multi Large								Multi					
	PURISPIN 17R		PURISPIN 15	VARISPIN 15R		VARISPIN 15		VARISPIN 12R		VARISPIN 12		VARISPIN 6		VARISPIN 4		VARISPIN 4A		
																		
Rotor Type(Angle/Swing)	Angle	Swing	Angle	Angle	Swing	Angle	Swing	Angle	Swing	Angle	Swing	Angle	Swing	Angle	Swing	Angle		
Max. RCF	23,522 xg	16,343 xg	21,608 xg	23,847 xg	4,947 xg	23,847 xg	3,667 xg	16,647 xg	4,947 xg	16,647 xg	3,461 xg	5,357 xg	2,987 xg	2,689 xg	2,987 xg	2,075 xg		
Max. RPM	17,000	13,000	15,000	15,000	5,000	15,000	4,000	12,000	5,000	12,000	4,000	6,000	4,000	4,000	4,000	4,000		
Refrigeration																		
Max. Capacity																		
PCR Strip 	48		48	48		48		48		48								
Micro Tubes (0.2~2.0ml) 	30	24	30	48		48		48		48			24		24			
2.0ml Column 																		
Micro Tubes (5.0ml) 	12		10															
5ml Conical 					56		56		36		36		28		12			
3ml 					96		96		48		48	24	48	24		8		
5ml 					96		96		48		48	24	48	24	20	8		
4ml 													48		16			
4.9ml 													48		16			
5.5ml 													48		12			
10ml 					76		76		48		48	24	48	24	16	8		
15ml 				12	76	12	76	12	48	12	48	24	48	24	12	8		
15ml Conical 				12	56	12	56	12	36	12	36	24	28	24	12	8		
50ml 				8	28	8	28	8	16	8	16		16		6			
50ml Conical 				8	20	8	20	8	12	8	12	8	12		6			
50ml Skirted 													6		6			
85ml 				6	8	6	8	6	8	6	8		8		4			
100ml 													4		4			
250ml 				4	4	4	4		4		4		4					
225ml Conical 					4		4											
500ml 					4		4											
500ml Conical 					4		4											
750ml 					4		4											
1000ml 																		
MTP 					16		16		16		16		4		4			
DWP 					4		4		4		4		2		2			



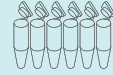
MICRO CENTRIFUGE

진단병리학, 의생명 연구실 등 다양한 분야에서 사용할 수 있는 다양한 기능을 갖춘 냉장형 마이크로원심분리기로서, 빠른 냉각으로 생물학적 시료를 효율적으로 분리할 수 있도록 지원합니다.



PURISPIN 17R

	Angle rotor	Swing rotor
RPM	17,000	13,000
RCF	23,522 xg	16,343 xg
Capacity	1.5/2.0ml x 30	1.5/2.0ml x 24



6 x PCR strips in Angle
Max. 11,000RPM/11,296 xg



18 x 1.5ml in Angle
Max. 17,000RPM/23,522 xg
24 x 1.5ml in Angle
Max. 15,000RPM/21,331 xg

30 x 1.5ml in Angle
Max. 14,000RPM / 20,773 xg
12 x 5ml in Angle
Max. 14,000RPM / 20,357 xg

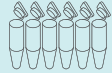
ROTOR RANGE

	Angle Rotor						Swing Rotor
Applicable Model							
	A480.2M (0.2ml x 8 x 6)	A241.5M (1.5ml x 24)	AS241.5MX (1.5ml x 24)	A301.5M (1.5ml x 30)	A181.5MS (1.5ml x 18)	A125M (5ml x 12)	S61.5M (1.5ml x 4 x 6)
PURISPIN 17	■	■	■	■	■	■	■



PURISPIN 15

	Angle rotor
RPM	15,000
RCF	21,608 xg
Capacity	1.5/2.0ml x 30 5ml x 10



6 x PCR strips in Angle
Max. 11,000RPM/11,296 xg



24 x 1.5ml in Angle
Max. 15,000RPM/21,331 xg
30 x 1.5ml in Angle
Max. 12,000RPM / 15,262 xg
10 x 5ml in Angle
Max. 15,000RPM / 21,608 xg

ROTOR RANGE

	Angle Rotor			
Applicable Model				
	A480.2S (0.2ml x 8 x 6)	A241.5S (1.5ml x 24)	A301.5S (1.5ml x 30)	A105S (5ml x 10)
PURISPIN 15	■	■	■	■

MEDICAL CENTRIFUGES

CRYSTE MEDICAL SOLUTIONS

- 체외진단의료기기 제조업허가 : 제5042호
- 체외진단의료기기 제조및 품질관리 기준 적합 인정 번호 : KCL-CBBA-13080

식약처로부터 GMP(의료기기 제조업 허가 및 제조 시설에 대한 품질경영시스템) 인증을 획득한 시설에서, 엄격한 프로세스에 의해 생산되는 의료용 원심분리기를 공급합니다. 당사는 의료기기 제조/판매 시 요구되는 의료기기 표준 코드 부착 및 통합정보 등록 시행규칙을 준수합니다.



의료기기 표준 코드(UDI) 부착 - 2021년 07월 1일 의무화(이미 시행중)

2021년 07월 1일 이후 생산되는 2등급 원심분리기에 의료기기 표준 코드(UDI)가 부착 되어 생산되고 있습니다.



표준코드생성



바코드표시



통합정보등록

MULTI HIGH SPEED CENTRIFUGE

탁상형 멀티 원심분리기 시리즈는 챔버의 큰 크기 덕분에 다양한 로터의 사용이 가능하여, 폭넓은 어플리케이션을 지원합니다. 혈액 분리, 임상 병리학 및 일반 분자 실험 등에서 대량의 시료를 쉽게 다룰 수 있습니다.



VARISPIN 15R

	Angle rotor	Swing rotor
RPM	15,000	5,000
RCF	23,847 xg	4,947 xg
Capacity	250ml x 4	750ml x 4



VARISPIN 15

	Angle rotor	Swing rotor
RPM	15,000	4,000
RCF	23,847 xg	3,667 xg
Capacity	250ml x 4	750ml x 4

6 x PCR strips in Angle
Max. 12,000RPM/13,443 xg

30 x 1.5ml in Angle
Max. 15,000RPM/23,847 xg

96 x 3/5ml, 76x10ml in Swing
Max. 4,000RPM/3,542 xg

12 x 15ml (c) in Angle
Max. 13,000RPM/19,064 xg
56 x 15ml(c) in Swing
Max. 4,000RPM / 3,506 xg

8 x 50ml in Angle
Max. 12,000RPM/16,649 xg

16 x MTP / 4 x DWP in Swing
Max. 4,000RPM/3,041 xg

6 x 50ml(c) in Angle
Max. 13,000RPM/18,082 xg
20 x 50ml(c) in Swing
Max. 4,000RPM / 3,613 xg
4 x 50ml(c) in Swing / Refrigeration
Max. 5,000RPM / 4,947 xg

6 x 85ml in Angle
Max. 12,000RPM/16,067 xg

4 x 250ml in Swing
Max. 4,000RPM / 3,667 xg
4 x 250ml in Swing / Refrigeration
Max. 4,500RPM/4,381 xg
4 x 250ml in Angle
Max. 8,000RPM / 9,180 xg
4 x 500ml in Swing
Max. 4,000RPM / 3,810 xg

4 x 750ml in Swing
Max. 4,000RPM/3,667 xg



VARISPIN 12R

	Angle rotor	Swing rotor
RPM	12,000	5,000
RCF	16,647 xg	4,947 xg
Capacity	85ml x 6	250ml x 4



VARISPIN 12

	Angle rotor	Swing rotor
RPM	12,000	4,000
RCF	16,647xg	3,461 xg
Capacity	85ml x 6	250ml x 4

6 x PCR strips in Angle
Max. 12,000RPM/13,443 xg

30 x 1.5ml in Angle
Max. 12,000RPM/15,262 xg

48 x 3/5/10ml in Swing
Max. 4,000RPM/3,175 xg

12 x 15ml (c) in Angle
Max. 12,000RPM/16,244 xg
36 x 15ml(c) in Swing
Max. 4,000RPM / 3,232 xg

8 x 50ml in Angle
Max. 12,000RPM/16,647 xg

6 x 50ml(c) in Angle
Max. 12,000RPM/15,407 xg

12 x 50ml(c) in Swing
Max. 4,000RPM / 3,229 xg

4 x 50ml(c) in Swing / Refrigeration
Max. 5,000RPM / 4,947 xg

6 x 85ml in Angle
Max. 12,000RPM/16,067 xg

4 x 250ml in Swing
Max. 4,000RPM / 3,461 xg
4 x 250ml in Swing / Refrigeration
Max. 4,500RPM/4,381 xg

16 x MTP / 4 x DWP in Swing
Max. 4,000RPM/2,746 xg

ROTOR RANGE

Angle Rotor

Applicable Model	A480.2T (0.2ml x 8 x 6)	A301.5T (1.5ml x 30)	AS301.5TX (1.5ml x 30)	A481.5T (1.5ml x 48)	A1215T (15ml x 12)	A1215TC (15ml conical x 12)	A650T (50ml x 6)
VARISPIN 15R	■	■	■	■	■	■	■
VARISPIN 15	■	■	■	■	■	■	■
VARISPIN 12R	■	■	■	■	■	■	■
VARISPIN 12	■	■	■	■	■	■	■

Applicable Model	A650TC (50ml conical x 6)	A850T (50ml x 8)	A685T (85ml x 6)	AS685TX (85ml x 6)	A4250T (250ml x 4)		
VARISPIN 15R	■	■	■	■	■		
VARISPIN 15	■	■	■	■	■		
VARISPIN 12R	■	■	■	■			
VARISPIN 12	■	■	■	■			

Swing Rotor

Applicable Model	S4250TE (250ml x 4)	S4250T (250ml x 4)	S4100T (100ml x 4)	S4750T (750ml x 4)
VARISPIN 15R	■	■	■	■
VARISPIN 15	■	■	■	■
VARISPIN 12R	■	■	■	
VARISPIN 12	■	■		

MULTI LOW SPEED CENTRIFUGE

다양한 로터를 사용하여 혈액 샘플 연구에 필요한 요구 사항을 충족할 수 있습니다. 챔버의 크기는 **중간 용량의 샘플을** 처리할 수 있을 만큼 충분히 크며, 앵글 로터와 스윙 로터를 옵션으로 사용할 수 있습니다. 이 시리즈는 반복적으로 시료의 원심분리를 처리하도록 최적화되어 있으며, 넓은 Blue LCD 화면의 컨트롤러는 필수 파라미터에 대한 정보를 직관적으로 제공합니다.



VARISPIN 6

Angle Rotor	RPM	RCF	Capacity	Swing Rotor	RPM	RCF	Capacity
	6,000	5,357 xg	50ml conical x 8		4,000	2,987 xg	250ml x 4

24 x 1.5ml in Swing
Max. 4,000RPM/2,934 xg

24 x 3ml in Angle
Max. 4,000RPM/2,227 xg
24 x 5ml in Angle
Max. 4,000RPM/2,556 xg
24 x 10ml in Angle
Max. 4,000RPM/2,585 xg
48 x 3/5/10ml in Swing
Max. 4,000RPM/2,226 xg

48 x 15ml in Swing
Max. 3,500RPM/2,226 xg

8 x 15ml (c) in Angle
Max. 6,000RPM/5,244 xg
6 x 15ml (c) in Angle
Max. 4,000RPM/2,987 xg
28 x 15ml (c) in Swing
Max. 3,500RPM / 2,294 xg

6 x 50ml in Swing
Max. 4,000RPM/2,987 xg
16 x 50ml in Swing
Max. 3,500 RPM / 2,226 xg

8 x 50ml (c) in Angle
Max. 6,000RPM/5,357 xg
6 x 50ml (c) in Swing
Max. 4,000RPM/2,987 xg
12 x 50ml (c) in Swing
Max. 3,500RPM / 2,294 xg

4 x 100ml in Swing
Max. 4,000RPM/2,934 xg

4 x 250ml in Swing
Max. 3,500RPM / 2,267 xg

4 x MTP / 2 x DWP in Swing
Max. 4,000RPM/2,003 xg



VARISPIN 4

Angle Rotor	RPM	RCF	Capacity	Swing Rotor	RPM	RCF	Capacity
	4,000	2,689 xg	15ml x 24		4,000	2,987 xg	100ml x 4

24 x 1.5ml in Swing
Max. 4,000RPM/2,934 xg

24 x 15ml (c) in Angle
Max. 4,000RPM/2,486 xg
12 x 15ml (c) in Swing
Max. 4,000RPM / 2,987 xg

24 x 3ml in Angle
Max. 4,000RPM/2,227 xg
24 x 5ml in Angle
Max. 4,000RPM/2,556 xg
20 x 5ml in Angle
Max. 4,000RPM/2,934 xg
24 x 10ml in Angle
Max. 4,000RPM/2,585 xg
16 x 10ml in Swing
Max. 4,000RPM/2,934 xg

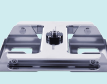
16 x 15ml in Angle
Max. 4,000RPM/2,689 xg
24 x 15ml in Angle
Max. 4,000RPM / 2,585 xg

6 x 50ml / 6 x 50ml (c) in Swing
Max. 4,000RPM / 2,987 xg

4 x 100ml in Swing
Max. 4,000RPM/2,934 xg

4 x MTP / 2 x DWP in Swing
Max. 4,000RPM/2,003 xg

ROTOR RANGE

	Angle Rotor			Swing Rotor			
Applicable Model							
	AL1615G (15ml x 16)	AL2415G (15ml x 24)	A850GC (50ml conical x 8)	S650G (50ml x 6)	S4100G (100ml x 4)	S4250GE (250ml x 4)	S2G-MTP (4MTP x 2DWP)
VARISPIN 6	■	■	■	■	■	■	■
VARISPIN 4	■	■	■	■	■	■	■

COMPACT LOW SPEED CENTRIFUGE

혈액, 소변 등 소량의 샘플을 반복적으로 분리하는데 최적인 **소형 원심분리기**입니다.



VARISPIN 4A

Angle Rotor	RPM	RCF	Capacity
	4,000	2,075 xg	15ml x 8

8 x 3ml in Angle
Max. 4,000RPM/1,742 xg
8 x 5ml in Angle
Max. 4,000RPM/2,045 xg
8 x 10ml in Angle
Max. 4,000RPM/2,075 xg

8 x 15ml in Angle
Max. 4,000RPM/2,075 xg

8 x 15ml (c) in Angle
Max. 4,000RPM/1,971 xg

ROTOR RANGE

	Angle Rotor
Applicable Model	
	AL815D (15ml x 8)

www.cryste.co.kr

MEDICAL CENTRIFUGES

CRYSTE MEDICAL SOLUTIONS

CRYSTE ✦
LABORATORY &
SEPARATION TECHNOLOGY

PureSafe
With Certain and Trustworthy Ways



|주|노바프로 NOVAPRO CO.,LTD.

본사 및 공장

경기도 부천시 석천로 397 테크노파크 쌍용3차 302동 1004호

TEL : 032-624-2777 FAX : 02-338-0079 Email : novapro@daum.net

판매법인

CRYSTE
KOREA

|주|크리스티 코리아

TEL : 02-335-2989 FAX : 02-334-2989 Email : crystekorea@naver.com