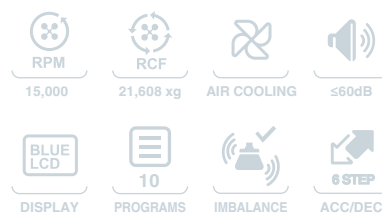




PURISPIN 15

MICRO CENTRIFUGE

마이크로튜브 사용실험에 적합하고,
0.2ml~5ml까지 가능하도록로터구성이 되어있는
효율적인 공냉식 원심분리기



● ● ● STANDARD SPECIFICATION

MAX. RPM	15,000 RPM
MAX RCF	21,608 xg
MAX. Capacity	1.5ml/2.0 x 30 / 5ml x 10
Accel / Decel phase	0~5 (6STEP)
Noise Level	≤60
Set Time	99 min 59sec or Continuous
Time Count	At set speed or from starting
Program	10 memory
Display	BLUE LCD
RPM Range	400 to 15,000 RPM
Available Rotor Quantity	5
Power Supply	220V / 50~60 Hz
Power Consumption	450W
Dimension(W x D x H)	291 x 415.5 x 247.5 mm
Weight (without rotor)	19.5kg

● ● ● MAIN FEATURE

● 컴팩트한 구조

여러 장비를 사용하는 복잡하고 좁은 실험테이블 위에서, 보다 자유로운 공간배치가 가능합니다.

● 빠른 가/감속 시간

6STEP의 빠른 가/감속 설정 가능한 제품입니다.
NATURAL STOP 또한 가능하기에, 실험자의 요건대로 조절하여 사용 가능한 제품입니다.

● SOFT CLOSING DOOR LOCK

도어 개폐시 소음이 적고, 한 손의 터치로 쉽고 부드럽게, 도어 LOCKING이 가능합니다.

● 다양한 로터지원

0.2ml에서부터 5ml까지 마이크로튜브 사용이 가능하도록 로터 4종이 구성이 되어있어서, 목적에 맞게 선택이 가능합니다.

● CRYSTE Blue Display + Touch Button

최적화 된 구성의 블루 디스플레이는 모든 파라미터 값이 구동중에도 확인과 변경이 쉽게 가능하며, 10개의 실험메모리 지정이 가능합니다.
















▶ 디스플레이 & 제어 가능 목록









-RPM/RCF 기준 설정	-Timer 설정
-Program (메모리) 설정 10개	-Accel/Decel 6단계 설정

● ● ● ORDER INFORMATION

	ITEM	DESCRIPTIONS	ORDER CODE
Main Body	PURISPIN 15	PURISPIN 15, refrigerated, without rotor, 230V/50~60Hz	P15-MB
	PURISPIN 15	PURISPIN 15, refrigerated, without rotor, 120V/50~60Hz	P15-MBT
	PURISPIN 15	PURISPIN 15, refrigerated, without rotor, 100V/50~60Hz	P15-MBJ
Angle Rotor	A480.2S	0.2ml x 48 fixed angle rotor for PCR strips (Max 11,000RPM)	P15-AR1
	A241.5S	1.5/2.0ml x 24 fixed angle rotor (Max 15,000RPM)	P15-AR2
	A301.5S	1.5/2.0ml x 30 fixed angle rotor (Max 12,000RPM)	P15-AR3
	A105S	5ml x 10 fixed angle rotor (Max 15,000RPM)	P15-AR4
	AS241.5SX	1.5-2.0ml x 24 fixed aerosol-tightness angle rotor with CRYSTE AXLOCK(15,000RPM)	P15-AR5

●●● AVAILABLE ANGLE ROTORS

Rotor								
	Fixed Angle Rotor $\angle 45^\circ$ 48 x 0.2ml Radius(mm) : 83.5		Fixed Angle Rotor $\angle 45^\circ$ 24 x 1.5ml Radius(mm) : 84.8			Fixed Angle Rotor $\angle 45^\circ$ 30 x 1.5ml Radius(mm) : 94.8		
Item	A480.2S		A241.5S			A301.5S		
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	24	24	24	30	30	30
Adaptor bore (mm)	6.5	6.5	6.5	8	11	6.5	8	11
Max. height for use (mm)	-	-	44	51	61	44	52	61
RPM	11,000	11,000	15,000	15,000	15,000	12,000	12,000	12,000
Radius (mm)	83.5	83.5	70.3	76.7	84.8	80.3	86.7	94.8
RCF	11,296	11,296	17,684	19,294	21,331	12,928	13,958	15,262

Rotor					
	Fixed Angle rotor $\angle 45^\circ$ 10 x 5ml Radius(mm) : 85.9mm		Fixed Angle Rotor $\angle 45^\circ$ 24 x 1.5ml Radius(mm) : 84.8		
Item	A105S		AS241.5SX		
Tube			  		
Volume (ml)	5		0.2	0.5	1.5 / 2.0
Adaptor / tube rack			 		
Item			F1.5A-0.2	F1.5A-0.5	
Number per rack / rotor	10		24	24	24
Adaptor bore (mm)	17		6.5	8	11.0
Max. height for use (mm)	67		43	51	61
RPM	15,000		15,000	15,000	15,000
Radius (mm)	85.9		70.3	76.7	84.8
RCF	21,608		17,684	19,294	21,331

QUICK & SMOOTH OPERATION



For the different needs of acceleration & deceleration speed, the inclination for variable speed area can be adjusted.

- High inclination can be used for user to reduce the experiment duration
- Low inclination can be used for sensitive user to treat the specimen cautiously

LOW NOISE CENTRIFUGE FOR QUITE EXPERIMENTS



Balanced motor operation generates the minimum vibration so as to directly effect low noise benefit. Modern laboratories are exposed to different noise sources because of many instruments. 'The less noise units they have, the better they feel.'

CRYSTE PURISPIN 15 contributes to laboratories with silent operation, and makes its operators to work efficiently