

PURISPIN 17R

MICRO CENTRIFUGE

컴팩트한 디자인 및 편의성을 갖춘
냉장형 마이크로 원심분리기

Main Features >>>

■ 컴팩트한 구조

- 동급 최소 수준의 바닥면적으로 실험테이블 위, 자유로운 공간배치가 가능합니다.

■ 온도에 민감한 시료 보호를 위한 냉장기능과 Fast Cool 기능

- 효율적인 냉장제어와 로터의 마찰열을 최소화하는 내부설계를 통하여 온도에 민감한 시료를 안전하게 취급할 수 있습니다.
- 사용 전, 예비 냉각이 가능합니다.

■ 다양한 로터 지원

- Micro tube용 다양한 로터 구성이 가능합니다.

■ 정숙한 작동

- 균형 잡힌 모터 구동으로 진동을 최소화하여 동급 최소 수준의 소음을 구현하였습니다.

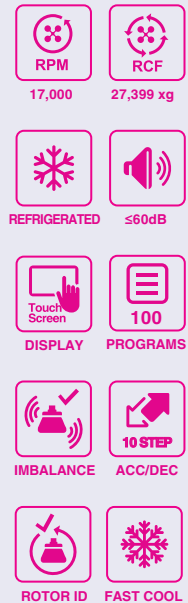
■ 편리한 터치 컨트롤러

- 사용자 친화적인 4.3" Full 컬러 터치식 LCD 컨트롤러를 적용하였습니다.
- 한번에 모든 설정값을 확인할 수 있고, 간단한 방법으로 항목 설정이 가능합니다.



Standard Specifications >>>

| | | |
|------------------------|-------------------------------|------------------------|
| Max. RPM | 17,000RPM(Angle Rotor) | 13,000RPM(Swing Rotor) |
| Max. RCF | 27,399 xg | 16,343 xg |
| Max. Capacity | 1.5/2.0ml x 48 | 1.5/2.0ml x 24 |
| Accel / Decel phase | 0 ~ 9 (10set) | |
| Set Temp. | -10℃ ~ +40℃ (1℃ increments) | |
| Ref. System | Non-CFC | |
| Noise Level | ≤60dB | |
| Set Time | 99 min 59sec or continuous | |
| Time Count | From start / From set-up RPM | |
| Program | 100 memory | |
| Rotor ID | Automatic Recognition | |
| Display | 4.3" LCD Touch Screen | |
| RPM Range | 400 to 17,000 RPM | |
| Power Supply | 220V / 50~60Hz | |
| Power Consumption | 1,500W | |
| Dimension(W x D x H) | 306 x 463 x 373 mm | |
| Weight (without rotor) | 30kg | |



Order Information >>>

| ITEM | DESCRIPTIONS | ORDER CODE |
|-----------------|--|------------|
| PURISPIN 17RSet | PURISPIN 17R, refrigerated, with rotor A241.5M, 220V/50~60Hz | P17R - SET |
| PURISPIN 17R | PURISPIN 17R, refrigerated, without rotor, 220V/50~60Hz | P17R - MB |
| A480.2M | 0.2ml x 48 fixed angle rotor for PCR strips | P17R - AR1 |
| A241.5M | 1.5/2.0ml x 24 fixed angle rotor | P17R - AR2 |
| A301.5M | 1.5/2.0ml x 30 fixed angle rotor | P17R - AR3 |
| A481.5M | 1.5/2.0ml x 48 fixed angle rotor | P17R - AR4 |
| S61.5M | 6 - wing swing rotor with 1.5/2.0ml x 4 rectangular buckets | P17R - SR1 |

Available rotors »»

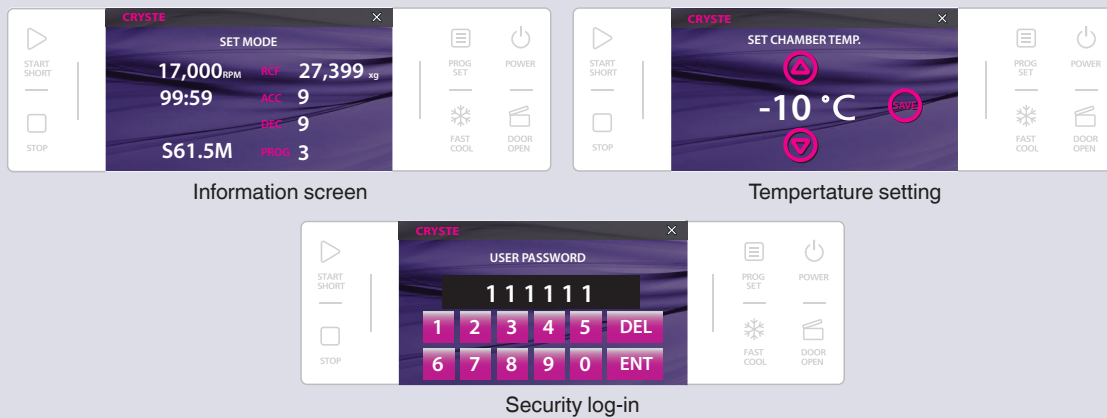
| | | | | | | | | |
|--------------------------|---|---|---|---|--|---|---|---|
| Rotor |  Fixed Angle Rotor ∠ 45' 48 x 0.2ml Radius(mm) : 83.5 | |  Fixed Angle Rotor ∠ 45' 24 x 1.5ml Radius(mm) : 84.8 | | |  Fixed Angle Rotor ∠ 45' 30 x 1.5ml Radius(mm) : 94.8 | | |
| Item | A480.2M | | A241.5M | | | A301.5M | | |
| 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 | 17,000 | 17,000 | 17,000 | 14,000 | 14,000 | 14,000 |
| Radius (mm) | 83.5 | 83.5 | 70.3 | 76.7 | 84.8 | 80.3 | 86.7 | 94.8 |
| RCF | 11,296 | 11,296 | 22,714 | 24,782 | 27,399 | 17,596 | 18,998 | 20,773 |

| | | | | | | |
|--------------------------|---|---|---|---|---|---|
| Rotor |  Fixed Angle Rotor ∠ 45' 48 x 1.5ml Radius(mm) : 94.8 | | |  Swing Out Rotor 24 x 1.5ml Radius(mm) : 84.8 | | |
| Item | A481.5M | | | S61.5M | | |
| Bucket | | | |  | | |
| Item | | | | B1.5 | | |
| Tube |  |  |  |  |  |  |
| Volume (ml) | 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 | 48 | 48 | 4/24 | 4/24 | 4/24 |
| Adaptor bore (mm) | 6.5 | 8 | 11 | 6.5 | 8 | 11 |
| Max. height for use (mm) | In 51 Out 44 | In 62 Out 54 | In 70 Out 61 | 29 | 36 | 47 |
| RPM | 13,000 | 13,000 | 13,000 | 13,000 | 13,000 | 13,000 |
| Radius (mm) | In 70.3 Out 80.3 | In 76.7 Out 86.7 | In 84.8 Out 94.8 | 67 | 75 | 86.5 |
| RCF | In 13,283 Out 15,172 | In 14,492 Out 16,381 | In 16,022 Out 17,912 | 12,659 | 14,171 | 16,343 |

CRYSTE high speed / large capacity model gives the convenience of operating a laboratory centrifuge through intuitive LCD touch controller



- All information at a glance
- Easy temperature setting
- Security Log-in



Digital interface is getting more common in the all electronic devices in the world. Not only for the purpose to meet the trend in industry, CRYSTE full color touch LCD controller but also gives laboratory operators the benefits in monitoring and adjusting required parameters within seconds. This enables them to minimize trial and error in preparation of each experiment, which is helpful to increase the research efficiency.

This new controller is adopted in the large capacity centrifuges. We assure all operators are able to taste the joy of the simpleness and intuitiveness finally.

※ Applicable model : PURISPIN17R/VARISPIN15R/VARISPIN15/VARISPIN12R/VARISPIN12