

# ARA

## ARA mini 12

### High Speed Mini Centrifuge

저소음 설계

≤ 56dB

LCD display

Brushless DC motor



EC/EN 61010-1, CE, cTUVus, FCC 인증서 및  
MCA 테스트로 인증. IEC/EN61010-2-20 기준

15,100 xg (15,000 rpm)의 강력한  
원심력으로 다양한 애플리케이션에  
적용 가능

1.5/2.0 mL 튜브뿐만 아니라  
adaptor를 장착하여 0.2 mL 또는  
0.5 mL 튜브 사용 가능


Brushless DC motor를 적용하여  
설정된 속도로 빠르게 도달

원심분리기 운행 상태를 LCD  
화면에서 실시간으로 모니터링 가능

## Specifications

|                           |  |
|---------------------------|--|
| Max. Speed                | 15,000 rpm(500-15,000 rpm), increment:100 rpm  |
| Max. RCF                  | 15,100 xg, increment: 100 xg   |
| Speed Accuracy            | ± 20 rpm   |
| Rotor Capacity            | 0.2 mL/0.5 mL/1.5mL/2mL x 12 holes   |
| Run Time                  | 30 sec.- 99 min. / Continuous  |
| Driving Motor             | Brushless DC motor   |
| Safety Devices            | Door interlock, Over-speed detection, Over-temperature detection, Error code runtime display, Automatic internal diagnosis |
| Power                     | Single-phase, AC100V-240V<br>50Hz/60Hz, 3A ,100W   |
| Noise level               | ≤ 54 dB  |
| Acceleration/Braking time | 11s ↑ /9s ↓  |
| Dimension[D×W×H]          | 255 × 245 × 140mm  |
| Weight                    | 6 kg   |
| Certification             | EMC, CE, FCC, ICES, cTUVus, CB   |
| Additional features       | Speed/RCF switch, Pulse operation, LCD display of runtime status, buzzer notification & alert                              |

## Available Rotors and Adaptors

| Model                                       | Rotor Type  | Tube            | Adaptors          | Maximum RPM | Maximum RCF (xg) |
|---|---|-----------------|-------------------|-------------|------------------|
| ARA mini12<br>High Speed<br>Mini Centrifuge |  | 1.5/2.0 mL tube | -                 | 15,000      | 15,100           |
|   |   | 0.2 mL PCR tube | A02P2             | 15,000      | 11,700           |
|   |   | A12-2P          | 0.5 mL micro tube | A05P2       | 15,000           |

## Ordering Information

| Cat. No.  | Product Description                        | Unit    |
|-----------|--|---------|
| AC-mini12 | mini 12 spinner including A02P2 x 24 ea    | 1 unit  |
| AC-A12-2P | 1.5/2.0 mL angle rotor for mini 12 spinner | 1 ea    |
| AC-A05P2  | 0.5 mL adaptor for mini 12 spinner         | 24 / pk |
| AC-A02P2  | 0.2 mL adaptor for mini 12 spinner         | 24 / pk |