

# DM0424&DM0408

## Multi-Purpose low Speed Centrifuge

### Features

- Quiet, compact, and convenient with LCD display
- Maximum up to 4000rpm Speed can be set in RPM/RCF, with 3 customizable routine programs (Blood, Urine & Faecal)
- 3 acceleration level & 4 level deceleration
- Maximum capacity 50mL × 4, Accommodating different sizes of blood collection tubes and centrifuge tubes suitable for swing out rotor and angle rotor
- Automatic internal diagnosis and self-detection
- Maintenance-free brushless DC motor

### Applications

Multi-purpose low speed centrifuge are versatile and can be used in applications from clinical to biochemical for qualitative analysis of serum, plasma, blood, and urine.



| Specifications            | DM0424                                                                         | DM0408                                                                  |
|---------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Speed range               | 500-4000rpm increment: 100rpm                                                  | 300-4000rpm increment: 100rpm                                           |
| Max. RCF                  | 2500 × g                                                                       | 1900 × g                                                                |
| Speed accuracy            | ± 100rpm                                                                       | ± 100rpm                                                                |
| Rotor                     | Swing6 × 15mL<br>Swing4 × 50mL<br>Angle 24 × 15mL,<br>Angle 12 × 10mL/8 × 15mL | Angel 8 × 15mL(Default),<br>Angel 12 × 10mL                             |
| Run time                  | 1-99min, HOLD                                                                  | 1-99min, HOLD                                                           |
| Motor                     | Brushless DC motor                                                             | Brushless DC motor                                                      |
| Display                   | LCD                                                                            | LED                                                                     |
| Program                   | Blood: 3200rpm, 10min.<br>Urine: 1800rpm, 5min.<br>Faecal: 1300rpm, 10min.     | Blood: 3200rpm, 10min<br>Urine: 1800rpm, 5min<br>Faecal: 1300rpm, 10min |
| Safety Device             | Automatic internal diagnosis                                                   | Automatic internal diagnosis                                            |
| Acceleration/deceleration | 3 ↑ 4 ↓ steps                                                                  | 25s ↑ 35s ↓                                                             |
| Power Requirements        | Single phase,<br>100-240V, 50Hz/60Hz, 110W                                     | Single phase,<br>100-240V, 50Hz/60Hz, 85W                               |
| Dimension(W × D × H)      | 364 × 440 × 268mm                                                              | 286 × 367 × 227mm                                                       |
| Weight                    | 14.5kg                                                                         | 9.2kg                                                                   |
| Noise Level               | ≤ 62dB(A)                                                                      | ≤ 60dB(A)                                                               |

## Available rotors

**S6-15**
**Cat. No.19400082**
**for DM0424**

Max. speed: 4000rpm  
 Rotor capacity: 15mL×6  
 Rotor material: Aluminum alloy  
 Default adaptor: A15P22, A5P17


**A12-10P**
**Cat.No.19400068**
**for DM0424/DM0408  
 DM0412**

Max. speed : 4000rpm  
 Rotor capacity: 8×15mL or 12×10mL  
 Rotor material: High strength plastic


**S4-50**
**Cat. No.19400100**
**for DM0424**

Max. Speed: 4000rpm  
 Rotor capacity: 50mL×4  
 Rotor material: Aluminum alloy  
 Default adaptor: A15P30, A5P17



## Available adapters

**A15P30**
**Cat. No.19500024**

50mL change 15mL adapter,  
 Adapted to 17×120mm centrifuge  
 tube, 13/16×100mm blood  
 collection tube 4pcs/pk, for S4-50


**A24-15P**
**Cat. No.19400101**
**for DM0424**

Max. speed: 4000rpm  
 Rotor capacity: 15mL×24  
 Rotor material: High strength plastic  
 Default adaptor: A15P22, A5P17


**A15P22**
**Cat. No.19500021**

15mL adapter for 17×120mm  
 centrifuge tube, 13/16×100mm  
 blood collection tube 24 pcs/pk,  
 for S6-15, A24-15P, A8-15P


**A5P17**
**Cat. No.19500022**

5mL adapter, Adapted to 13×75mm  
 blood collection tube 24 pcs/pk,  
 for S4-50, S6-15, A24-15P


**A8-15P**
**Cat. No.19400084**
**for DM0424/DM0408**

Max. Speed: 4000rpm  
 Rotor capacity: 15mL×8  
 Rotor material: High strength plastic  
 Default adaptor: A15P22


**A2P17(Optional)**
**Cat. No.19500023**

1.5/2mL Cryogenic Vials/ centrifuge  
 tube adapter, 24 pcs/pk, for S4-50,  
 S6-15, A24-15P, A12-10P, A6-50P

