

# 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 4×50mL, 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 or 8×15mL | Angle 8×15mL(Default)<br>Angle 12×10mL or 8×15mL                       |
| 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                    | 13.2kg                                                                  | 9.2kg                                                                  |
| Noise Level               | ≤62dB(A)                                                                | ≤60dB(A)                                                               |

## Available rotors

### S6-15

Cat. No.19400082

#### for DM0424

Max. speed: 4000rpm  
Rotor capacity: 6×15mL  
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: 4×50mL  
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: 24×15mL  
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: 8×15mL  
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

