# 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



### S4-50 Cat. No.19400100

**for DM0424**
Max. Speed: 4000rpm
Rotor capacity: 50mL×4
Rotor material：Aluminum alloy
Default adaptor: A15P30，A5P17



### A24-15P Cat. No.19400101

**for DM0424**
Max. speed: 4000rpm
Rotor capacity: 15mL×24
Rotor material：High strength plastic
Default adaptor: A15P22，A5P17



### A8-15P Cat. No.19400084

**for DM0424/DM0408**
Max. Speed: 4000rpm
Rotor capacity:15mL×8
Rotor material: High strength plastic
Default adaptor: A15P22



### A12-10P Cat.No.19400068

**for DM0424/DM0408**
**DM0412**
Max.speed： 4000rpm
Rotor capacity: 8×15mL or 12×10mL
Rotor material: High strength plastic



## 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



### 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



### 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

