

# DM0636

## Multi-Purpose Low-speed Centrifuge

### Features

- Speed from 300–6000 rpm
- Maximum capacity : 100 mLx4
- 9 Acceleration/10 Brake speed settings to ensure optimal separation
- A wide range of rotors optional(fixed angle and swing-out rotors)
- Automatic rotor identification
- Pulse Key for quick spin
- 9 procedures stored in memory makes the operation much simplified
- Maintenance-free brushless DC motor
- Suitable for tubes with caps, blood collection or urine tubes
- Comprehensive and versatile range of accessories



| Specifications            | DM0636   |
|---------------------------|--|
| Speed Range               | 300–6000rpm increment:10rpm  |
| Max. RCF                  | 4100xg   |
| Speed accuracy            | ± 20rpm  |
| Max. Capacity             | 100mLx4  |
| Run Time                  | 30sec–99mins/continuous  |
| Motor                     | Brushless DC motor   |
| Display                   | LCD  |
| Program Memory            | 9  |
| Safety Devices            | Door Imbalance protection Over speed & Over temperature detection                |
| Acceleration/Deceleration | 9 ↑ /10 ↓ steps  |
| Power Requirements        | 660W; Single-phase<br>AC220V–240V, 50Hz/60Hz, 6.3A;<br>AC110V–120V,50Hz/60Hz,10A |
| Noise Level               | ≤65dB  |
| Dimension[WxDxH]          | 570 × 445 × 295mm  |
| Weight                    | 36kg   |
| Certification             | CE   |
| Advanced features         | speed/rcf switch;<br>Rotor identification  |

### Applications

DM0636 is ideal for chemistry, cytology, research laboratories, industrial laboratories and other. This is suitable for tubes with caps, blood collection or urine tubes. Swing-out rotors and adapters can be compatible with standard tubes up to 100mL at low speed.



**SE4-100**  
(Standard accessory)

Cat. No.19400041

**for DM0636**

Max. speed: 4000rpm

Max. RCF: 2950 × g

Rotor material: stainless steel body  
and adapter

|                   |   |   |   |   |   |   |  |   |   |  |  |
|-------------------|---|---|---|---|---|---|--|---|---|--|--|
|                   | <br>19400045 |   | <br>19400044 |   |   | <br>19400043 |  | <br>19400042 |   |  |  |
| bucket            | x 4   |   |   |   |   |   |  |   |   |  |  |
| tube              | x 36  |   | x 16  |   |   | x 8   | x 4  | x 4   | x 4   | x 8  | x 20   |
| Nominal volume    | 3–7mL   |   | 10mL  | 12mL  | 15mL  | 50mL  | 100mL  | 85mL  | 50mL  | 15mL   | 3–7mL  |
| φ × L mm          | 13x75   | 13x100  | 16x100  | 17x105  | 17x120  | 29.5x100  | 38x108   | 38x104  | 29.5x100  | 17x120<br>13x100<br>13x75  | 13x100<br>13x75  |
| tube              |            |  |            |  |  |            |              |            |    |             |             |
| adapter           | with plug   |   |   |   |   | <br>A50V   | <br>A100P80 |   | <br>A100P50<br><br>A50V | <br>A100P15 | <br>A100P10 |
| Package           | 36  |   |   |   |   | 8   | 4  |   | 4   | 8  | 4  |
| Tubes per rotor   | 36  | 36  | 16  | 16  | 16  | 8   | 4  | 4   | 4   | 8  | 20   |
| Radius(cm)        | 14  | 16,5  | 15,9  | 15,9  | 15,9  | 15,9  | 15,9   | 15,9  | 15,9  | 15,1   | 14,7   |
| Max RCF (g-force) | 2500  | 2950  | 2840  | 2840  | 2840  | 2840  | 2840   | 2840  | 2840  | 2700   | 2630   |

## Available rotors

### S2-MP

Cat. No.19400062

#### DM0636

Max. speed: 4000rpm  
 Max. RCF: 2200 × g  
 Rotor capacity: Micro-plates  
 384-PCR/96-PCR/Elisa  
 plates × 8pcs; Deep well plates × 4pcs  
 Rotor material: stainless steel body



### AS6-50V (cone bottom)

Cat. No.19400038

#### DM0636

Max. speed: 6000rpm  
 Max. RCF: 4020 × g  
 Rotor capacity: 50mL × 6 or 15mL × 6  
 Rotor material: aluminum  
 Biosealing: Yes



### AS12-PCR8

Cat. No.19400036

#### DM0636

Max. speed: 6000rpm  
 Max. RCF: 4020 × g  
 Rotor capacity: PCR 8 trips × 12  
 Rotor material: aluminum  
 Biosealing: Yes



### AS18-5V (cone bottom)

Cat. No.19400035

#### DM0636

Max. speed: 6000rpm  
 Max. RCF: 4020 × g  
 Rotor capacity: 5mL × 18  
 Rotor material: stainless steel body  
 and aluminum buckets  
 Biosealing: Yes



### AS30-2

Cat. No.19400034

#### DM0636

Max. speed: 6000rpm  
 Max. RCF: 4020 × g  
 Rotor capacity: 2mL × 30  
 Rotor material: aluminum  
 Biosealing: Yes



### A8-50 (round bottom)

Cat. No.19400039

#### DM0636

Max. speed: 5000rpm  
 Max. RCF: 3960xg  
 Rotor capacity: 50mL × 8 or  
 15mLx16  
 Rotor material: aluminum body  
 and stainless steel adapter  
 Default adapters: SE100P31x8,SE100P17x16



### AS60-2

Cat. No.19400037

#### DM0636

Max. speed: 6000rpm  
 Max. RCF: 4020 × g  
 Rotor capacity: 2mL × 60  
 Rotor material: aluminum  
 Biosealing: Yes



### A30-15 (round bottom)

Cat. No.19400040

#### DM0636

Max. speed: 4500rpm  
 Max. RCF: 3210xg  
 Rotor capacity: 15mL × 30  
 Rotor material: aluminum body and  
 stainless steel  
 adapter

