



DLAB DM0636 Multi-Purpose Clinical Centrifuge is ideal for the centrifugation of samples in clinical chemistry, cytology, research laboratories, industrial laboratories, etc.

This centrifuge is suitable for tubes with caps, blood collection or urine tubes. Swing-out bucket rotors and adapters can be compatible with standard tubes up to 100mL at low speed.

DM0636 Multi-Purpose Clinical Centrifuge

Features

- Speed can be set from 300- 6000rpm
- Maximum capacity of the centrifuge: 100 mLx4
- 9 Acceleration/10 Brake speed settings to ensure optimal separation
- A wide range of accessories(fixed angle and swing-out bucket rotors)
- Automatic rotor identification
- Timers can be set up to 99 min. for short run/ continuous run
- 9 procedures stored in memory makes the operation much simplified
- Maintenance-free brushless DC motors



Specifications

| | DM0636 |
|--------------------------------|---|
| Speed range | 300-6000rpm increment: 10rpm |
| Max. RCF | 4300xg |
| Speed accuracy | ±20rpm |
| Temperature Range | - |
| Max. Capacity | 100mLx4 |
| Run Time | 30sec-99mins/continuous |
| Motor | Brushless DC |
| Display | LCD |
| Program Memory | 9 |
| Safety Devices | Door Imbalance protection Over speed & Over temperature detection |
| Acceleration/Deceleration time | 9 ↑ / 10 ↓ |
| Power | 660W; Single-phase AC220V-240V, 50Hz/60Hz, 6.3A; AC110V-120V, 50Hz/60Hz, 10A |
| Dimension[WxDxH] | 445x579x269mm |
| Weight | 36kg |
| Certification | CE cTUVus FCC IMD |
| Advanced features | speed/rcf switch; Rotor identification |

DM0636 series | Rotors and Adapters



Uncapping block

for S4-100 rotor



SE4-100(Standard accessory) for DM0636 & DM0636R

Cat. No. 19400041

Max. speed: 4000rpm

Max. RCF: 2910xg

Rotor material: stainless steel body and adapter



19400045



19400044



19400043



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 | 13×75 | 13×100 | 15×100 | 17×105 | 17×120 | 29.5×100 | 38×108 | 38×104 | 29.5×100 | 17×120 13×100 13×75 | 13×100 13×75 |
| tube | | | | | | | | | | | |
| adapter | with plug | | | | | | | | | | |
| | | | | | | | A100P80 | A100P50 | A100P15 | A100P10 | |
| Package | 36 | | | | | | 4 | 4 | 8 | 4 | |
| Tubes per rotor | 36 | 36 | 16 | 16 | 16 | 8 | 4 | 4 | 4 | 8 | 20 |
| Radius(mm) | 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 |

DM0636 series | Rotors and Adapters

Available rotors



AS12-PCR8 D0636

Cat. No. 19400036

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



AS30-2(Default) D0636

Cat. No. 19400034

Max. speed: 6000rpm
Max. RCF: 4020×g
Rotor capacity: 2mL×30
Rotor material: aluminum
Bio-safe(Biosealing): Yes



AS60-2 D0636

Cat. No. 19400037

Max. speed: 6000rpm
Max. RCF: 4020×g
Rotor capacity: 2mL×60
Rotor material: aluminum
Bio-safe(Biosealing): Yes



S2-MP D0636

Cat. No. 19400062

Max. speed: 4000rpm
Max. RCF: 2200×g
Rotor capacity: Micro-plates 384-PCR; 96-PCR
Rotor material: stainless steel body and aluminum buckets

Available rotors



Cat. No. 19400038

AS6-50V

DM0636

Max. speed: 6000rpm
 Max. RCF: 41000xg
 Rotor capacity: 50mLx6
 Rotor material: aluminum
 Bio-safe(Biosealing): Yes



Cat. No. 19400035

AS18-5V

DM0636

Max. speed: 6000rpm
 Max. RCF: 4020xg
 Rotor capacity: 5mLx18
 Rotor material: stainless steel body and aluminum buckets



Cat. No. 19400039

A8-50

DM0636

Max. speed: 5000rpm
 Max. RCF: 3910xg/3400xg
 Rotor capacity: 50mLx8 or 15mLx16
 Rotor material: aluminum body and stainless steel adapter



Cat. No. 19400040

A30-15

DM0636

Max. speed: 4500rpm
 Max. RCF: 3260xg/2910xg
 Rotor capacity: 15mLx30
 Rotor material: aluminum body and stainless steel adapter
 Bio-safe(Biosealing): Yes

| Capacity | 3-7mL Blood collection tube | 10mL Blood collection tube | 12mL urine tube | 15mL |
|----------------|-----------------------------------|----------------------------------|-----------------|--------|
| φxL mm | 13x75 | 13x100 | 17x105 | 17x120 |
| Tubes Quantity | 30 | 30 | 30 | 30 |

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