

# 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	400W; Single-phase AC220V-240V, 50Hz/60Hz, 6.3A; AC110V-120V,50Hz/60Hz,10A
Noise Level	≤65dB
Dimension[WxDxH]	570×445×295mm
Weight	36kg
Advanced features	speed/rcf switch; 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

Cat.No.	 19400045		 19400044			 19400043		 19400042				
bucket	x 4		x 4			x 4		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	
Ø×L mm	13x75	13x100	16x100	17x105	17x120	29.5x100	38x108	38x104	29.5x100	17x120 13x100 13x75	13x100 13x75	
tube												
adapter	 with plug	-	-	 A15V		 A50V	-	 A100P80	 A100P50/80	 A100P15	 A100P10	
Package	36	-	-	16		8	-	4	4	4	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 and  
 aluminum buckets

**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: 3960×g  
 Rotor capacity: 50mL×8 or  
 15mL×16  
 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: 3210×g  
 Rotor capacity: 15mL×30  
 Rotor material: aluminum body and  
 stainless steel  
 adapter

