

DM0636 series



SHCHEER 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

DM0636R

Multi-Purpose Clinical Centrifuge Refrigerated

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
- Powerful cooling system for precise temperature control of both chamber and samples(0636R)
- 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



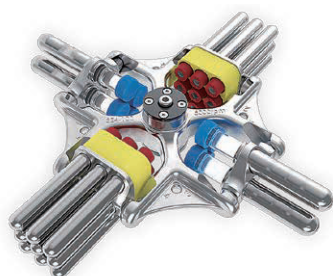
Specifications

	DM0636	DM0636R
Speed range	300-6000rpm increment:10rpm	300-6000rpm increment:10rpm
Max. RCF	4300xg	4300xg
Speed accuracy	±20rpm	±20rpm
Temperature Range	-	-20-40° C
Max. Capacity	100mLx4	100mLx4
Run Time	30sec-99mins/continuous	30sec-99mins/continuous
Motor	Brushless DC	Brushless DC
Display	LCD	LCD
Program Memory	9	9
Safety Devices	Door Imbalance protection Over speed & Over temperature detection	Door Imbalance protection Over speed & Over temperature detection
Acceleration/Deceleration time	9 ↑ /10 ↓	9 ↑ /10 ↓
Power	Single-phase AC220V-240V, 50Hz/60Hz, 6.3A; AC110V-120V,50Hz/60Hz,10A	Single-phase AC220V-240V, 50Hz/60Hz, 12.5A; AC110V-120V,50Hz/60Hz,15A
Dimension[WxDxH]	445x579x269mm	630x579x269mm
Weight	36kg	50kg
Certification	CE cT <u>✓</u> us FCC IVD	CE cT <u>✓</u> us FCC IVD
Advanced features	speed/rcf switch; Rotor identification	speed/rcf switch; Rotor identification



Uncapping block

for S4-100 rotor



SE4-100 (Standard accessory)

Cat. No. 19400041

for DM0636 & DM0636R

Max. speed: 4000rpm

Max. RCF: 2910×g

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

Available rotors



AS12-PCR8
D0636&D0636R

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&D0636R

Cat. No. 19400034

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



AS60-2
D0636&D0636R

Cat. No. 19400037

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



S2-MP
D0636&D0636R

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



AS6-50V
for DM0636 & DM0636R

Cat. No. 19400038

Max. speed: 6000rpm
Max. RCF: 41000×g
Rotor capacity: 50mL×6
Rotor material: aluminum
Bio-safe(Biosealing): Yes



AS18-5V
for DM0636 & DM0636R

Cat. No. 19400035

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



A8-50
for DM0636 & DM0636R

Cat. No. 19400039

Max. speed: 5000rpm
Max. RCF: 3910×g/3400×g
Rotor capacity: 50mL×8 or 15mL×16
Rotor material: aluminum body and stainless steel adapter



A30-15
for DM0636 & DM0636R

Cat. No. 19400040

Max. speed: 4500rpm
Max. RCF: 3260×g/2910×g
Rotor capacity: 15mL×30
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
φ×L mm	13×75	13×100	17×105	17×120
Tubes Quantity	30	30	30	30