

## DM0412 series

DLAB DM0412 & DM0412S clinical centrifuges support applications with small sample volumes. The centrifuges are supplied with an angle rotor that can hold up to 15mLx8 or 10mL/7mL/5mLx12 vacuum tubes.

They are widely used in medical and veterinary practices for the centrifugation of blood and urine samples, in environmental analyses for the clarification of water and soil samples or in universities and other research institutes

### DM0412 Clinical Centrifuge

#### Features:

- Easy programming to achieve high accuracy of speed control
- Easy operation with intuitive menu and easy-to-read display
- Rotor speed can be set and displayed by RPM or G-force
- Maintenance-free brushless DC motors
- Pressing and holding PULSE key for quick spin function
- Lid with electric lock and automatic release function saves processing time and prevents samples overheating
- Automatic self-diagnosis on startup showing accumulative running time and last running parameters



### DM0412S Economical Clinical Centrifuge

#### Features:

- Max. speed at 4500rpm
- Precise control of speed and time separately
- Faster acceleration and deceleration
- Perfectly suited for 15mL cell culture tubes and a full line of collection tubes

## DM0412 series



CE FC

#### DM0412

300~4500rpm,  
increment: 100rpm

2490xg

±20rpm

1 type

30sec~99min

HOLD(Continuous operation)

Brushless DC motor

LCD

Door interlock, Overspeed detector;  
Automatic internal diagnosis

20s ↑ 13s ↓

Single-phase,  
110V~240V, 50Hz/60Hz, 3A  
70W

245x255x140mm

6kg

CE, UL, IVD

Speed/RCF switch; Short-time run  
function; sound-alert function



#### DM0412S

300~4500rpm,  
increment: 100rpm

2490xg

±100rpm

1 type

1sec~99min

HOLD(Continuous operation)

DC motor

LED

Door interlock, Over-speed detection

23s ↑ 23s ↓

Single-phase, 220V~240V, 50Hz/60Hz,  
3A, 110V~120V, 50Hz/60Hz, 3A  
70W

364x280x266mm

6kg

-

sound-alert function

#### Specifications

Speed range	300~4500rpm, increment: 100rpm	300~4500rpm, increment: 100rpm
Max. RCF	2490xg	2490xg
Speed accuracy	±20rpm	±100rpm
Rotor Capacity	1 type	1 type
Run Time	30sec~99min HOLD(Continuous operation)	1sec~99min HOLD(Continuous operation)
Motor	Brushless DC motor	DC motor
Display	LCD	LED
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis	Door interlock, Over-speed detection
Acceleration/Braking time	20s ↑ 13s ↓	23s ↑ 23s ↓
Power	Single-phase, 110V~240V, 50Hz/60Hz, 3A 70W	Single-phase, 220V~240V, 50Hz/60Hz, 3A, 110V~120V, 50Hz/60Hz, 3A 70W
Dimension[WxDxH]	245x255x140mm	364x280x266mm
Weight	6kg	6kg
Certification	CE, UL, IVD	-
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	sound-alert function



## DM0412 series | Rotors and Adapters











### Available rotors



#### A12-10P for DM0412 & DM0412S

Cat. No. 19200348

Max. speed :4500rpm  
Max. RCF:2500×g  
Rotor capacity: 8x15ml;12x10ml  
Rotor material: High strength plastic

Available tubes	Tube quantity	Dimension (Φ×L mm)	Adapters	Maximum speed(rpm)	Radius (cm)	Maximum RCF (×g)
15mL con 	8	17×120		4500	11	2490
1.5~5mL vacu 	12	13×75	A10P15 & Plug 	4500	9.8	2218
4~7 mL vacu 	12	13×100	A10P15 	4500	11	2490
		16×75			9.8	2218
8.5~10 mL vacu 	12	16×107		4500	11	2490
2.7~3 mL(EU) collection tube 	12	11×66	A10P15 & Plug 	4500	9.8	2218
7.5~8.2 mL(EU) collection tube 	12	15×92	A10P15 	4500	11	2490

Note: Made of plastic, A12-10P rotor cannot be autoclaved or applied with UV irradiation. Regular sterilization is recommended.

