

# Clinical Centrifuges

DLAB clinical centrifuges are widely used in the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories.

## Conforms to international safety standards and regulations

- DLAB clinical centrifuges have marked with CE, cTUVus and FCC, and passed the explosion-proof test / MCA test according to IEC/EN61010-2-20
- Passed EN61010-2-101:2002 particular requirements for in vitro diagnostic (IVD) medical equipment
- High strength plastic rotor gives excellent balance to guarantee stable operation
- Dual protection housing particularly advantageous for safe running
- Brushless DC motor precisely accelerates to the set speed



## Precise control

- Powerful CPU for easy operation of speed, time and all other parameters
- High accuracy of speed
- Digital timer adjustable from 30 sec. to 99 min or set for continuous run
- Gentle braking at low speeds with efficient separation

## Ergonomic design

- Easy operation thanks to intuitive menu and easy-to-read display
- RPM or G-force can be set and displayed
- Parameters can be modified after the set speed is reached
- Pressing and holding PULSE key for quick spin function
- Automatic lid-lock release
- Easy-to-read processing display and sound alert



## 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  FCC



CE  FCC

### Specifications

	DM0412	DM0412S
Speed range	300~4500rpm, increment: 100rpm	4500rpm, increment:-
Max. RCF	2490×g	2490×g
Speed accuracy	±20rpm	-
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 ↑ 20s ↓	40s ↑ 50s ↓
Power	Single-phase, 110V- 240V, 50Hz/60Hz, 3A	Single-phase, 220V-240V, 50Hz/60Hz, 3A; 110V-120V, 50Hz/60Hz, 3A
Dimensions[WxDxH]	245×255×140mm	245×255×140mm
Weight	6kg	6kg
Certification	CE UL FCC IVD MCA	CE UL FCC IVD MCA
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	sound-alert function



# DM0412 series | Rotors and Adapters

## Available rotors



Cat. No. 19200348

### A12-10P





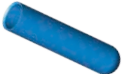




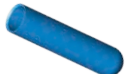
for DM0412 & DM0412S

Max. speed :4500rpm

Max. RCF:2500xg

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	13×82	A10P15 & Plug 	4500	9.8	2218
4-7 mL vacu 	12	13×106	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.

