

DLAB DM0412 & DM0412P Low-speed centrifuges support small volumes applications. They are widely used in medical and veterinary practices for the separation of blood and urine samples or for water and soil samples for. These centrifuges are also used 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 motor
- Quick spin function with press and hold pulse key
- Lid with electric lock and automatic release function saves processing time
- Automatic self-diagnosis on startup showing accumulative running time and last running parameters
- Braking time 2 steps adjustable(for A6-50P rotor)

DM0412P centrifuge

DLAB DM0412P centrifuge is supplied with an angle rotor that can hold up to 15mLx8 or 10mL/7mL/5mLx12 (A12-10P) vacuum tubes. It is ideal for sample preparation in constimatology and dental field, like orthopedic, aesthetic surgery, oral surgery, etc.

Features

- Max. speed 4500rpm;
- Rotor speed can be set in RPM/RCF;
- 3 preloaded programs for fast operation;
- 9 programs for customization can be stored in memory;
- Powerful CPU for easy operation of speed, time and all other parameters;
- Easy-to-read processing display and sound alert;
- Automatic lid-lock release after running;
- Conforms to international safety standards and regulations marked with CE, cTUVus and FCC, and passed the explosion-proof test / MCA test according to IEC/EN61010-2-20;
- Passed EN61010-2-101: 2 0 0 2 particular requirements for In-Vitro diagnostic (IVD) medical equipment;
- Maintenance-free brushless DC motor.





CE  FC



Specifications

	DM0412	DM0412P
Speed Range	300-4500rpm, increment: 100rpm	300-4500rpm, increment:10rpm
Max. RCF	2490xg	2490xg, increment: 10g
Speed accuracy	±20rpm	±10rpm
Rotor type	A12-10P, A6-50P	8x15ml, 12x10mL/7mL/5mL
Run Time	30sec-99min HOLD(Continuous operation)	30sec-99min
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis	Door interlock, Overspeed detector, Automatic internal diagnosis
Acceleration/Braking time	A12-10P: 20s ↑ 13s ↓ A6-50P: 20s ↑ 20 s /90 s ↓	9 programs (6 steps for each program)
Power	Single-phase, 100V-240V,50Hz/60Hz, 3A 70W	Single-phase, 100V-240V,50Hz/60Hz, 3A,70W
Dimension[WxDxH]	354x304x215mm	301X354X217mm
Weight	6kg	6kg
Certification	CE, cTUVus, IVD	CE, cTUVus, IVD
Advanced features	Speed/RCF switch;Short-time run function; sound-alert function	Speed/RCF switch; sound-alert function



Available rotors



Cat. No. 19200348

A12-10P (round bottom)

for DM0412 & DM0412s & DM0424 & DM0408

Max. speed: 4500rpm
 Max. RCF: 2490×g
 Rotor capacity: 8x15mL, 12x10mL
 Rotor material: High strength plastic













Cat. No. 19100197

A6-50P (round bottom)

For DM0412(A6-50P)

Max. speed: 4000rpm
 Max. RCF: 1800×g
 Rotor capacity: 50ml×6 or 15ml×6
 Rotor material: High strength plastic

A12-10P and A6-50P are not interchangeable

Available tubes	Tube quantity	Dimension (ΦLxmm)	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		4500	11	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.