

## DM0412 Clinical Centrifuge

### Features

- Efficient BLDC motor to achieve precise speed control.
- Easy to set and program with LCD digital display.
- Variable speed adjustable up to 4500rpm or RCF up to 2490 x g.
- Pulse key operation for short spin applications.
- Auto lid-lock and release saves processing time and ensures sample protection.

ONiLAB DM0412 & DM0412S clinical centrifuges support small volumes applications . The centrifuges are supplied with an angle rotor that can hold up to 50mLx6, 15mLx6 (A6-50P ), 15mLx8, or 10mL/7mL/5mLx12 (A12-10P ) vacuum tubes.

They are widely used in medical and veterinary practices for the centrifugation of blood and urine samples in qualitative analysis of water and soil samples. These centrifuges are also used in universities and other research institutes





**DM0412S**  
**Economical Clinical Centrifuge**

**Features**

- Economical clinical centrifuge with low maintenance DC motor.
- Easy to read, clear LED digital display.
- Speed adjustable from 300-4500rpm or RCF up to 2490xg.
- A12-10P rotor of DM0412/DM0412E makes it suitable for 15mL cell culture tubes/ 10mL/5mL x 12 centrifuge tubes





Specifications	DM0412	DM0412S
Speed Range	300-4500rpm, increment: 100rpm	300-4500rpm, increment: 100rpm
Max. RCF	2490×g	2490×g
Speed accuracy	±20rpm	±100rpm
Rotor type	A12-10P, A6-50P	A12-10P
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	A12-10P: 20s ↑ 13s ↓ A6-50P: 20s ↑ 20 s /90 s ↓	23s ↑ 23s ↓
Power	Single-phase, 100V-240V, 50Hz/60Hz, 3A 70W	Single-phase, 200V-240V, 50Hz/60Hz, 3A; 100V- 120V, 50Hz/60Hz, 3A 70W
Dimension[WxDxH]	301×354×217mm	301×354×217mm
Weight	6kg	6kg
Certification	CE, UL, IVD	-
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	sound-alert function

### Available rotors

Cat. No. 19200348



#### A12-10P

for DM0412 & DM0412S

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











Cat. No. 9034002125



#### A6-50P

For DM0412(A6-50P)

Max. speed: 4000rpm  
 Max. RCF: 1800xg  
 Rotor capacity: 50mlx6, 15mlx6  
 Rotor material: High strength plastic

Available tubes	Tube quantity	Dimension (ΦLxmm)	Adapters	Maximum speed(rpm)	Radius (cm)	Maximum RCF (xg)
15mL con 	8	17x120		4500	11	2490
1,5-5mL vacu 	12	13x75	A10P15 & Plug 	4500	9,8	2218
4-7 mL vacu 	12	13x100	A10P15 	4500	11	2490
		16x75			9,8	2218
8,5-10 mL vacu 	12	16x107		4500	11	2490
2,7-3 mL(EU) collection tube 	12	11x66	A10P15 & Plug 	4500	9,8	2218
7,5-8,2 mL(EU) collection tube 	12	15x92	A10P15 	4500	11	2490

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