DM0412

Low Speed Centrifuge



Features

- Easy operation with intuitive menu and easy-to-read display
- Speed can be set in RPM/RCF
- Maintenance-free brushless DC motor
- Quick spin function with press and hold pulse key
- Lid with electric lock and automatic release function
- Automatic lid-lock release after running
- Braking time 2 steps adjustable only for A6-50P rotor
- High strength plastic rotor gives excellent balance to guarantee stable working
- Dual protection housing particularly benefit for safe running
- Gentle braking at low speeds with efficient separation
- CE marked, cTÜVus, and passed explosion-proof test

Applications

DM0412 is ideal for separation of whole blood components, such as serum, plasma, buffy coat, red blood cells, as well as other bodily fluids.



Specifications	DM0412
Speed Range	300-4500rpm,increment: 100rpm
Max. RCF	2490×g
Speed accuracy	±20rpm
Rotor type	A12-10P, A6-50P
Run Time	30sec-99min HOLD (Continuous operation)
Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis
Acceleration/Braking time	A12-10P: 20s↑ 13s↓ A6-50P: 20s↑ 20 s /90 s↓
Power Requirements	Single-phase,100V-240V, 50Hz/60Hz, 3A70W
Dimension[WxDxH]	354×304×215mm
Weight	6kg
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function

Available rotors

A12-10P (round bottom) — **Cat. No.19400068**

for DM0412 & DM0424 & DM0408
Max. speed: 4500rpm
Max. RCF: 2490×g
Rotor capacity: 8x15mL,12x10mL
Rotor material: High strength plastic

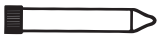
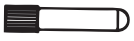
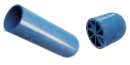
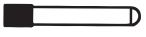
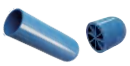
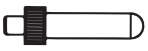


A6-50P (round bottom) — **Cat. No.19100197**

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 (ØLxmm)	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
4-7mL vacu 	12	13×100	A10P15 	4500	11	2490
		16×75	Plug 		9.8	2218
8.5-10mL vacu 	12	16×107	-	4500	11	2490
2.7-3mL(EU) collection tube 	12	11×66	A10P15 & Plug 	4500	9.8	2218
7.5-8.2mL(EU) collection tube 	12	15×92	A10P15 	4500	11	2490