

# 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.



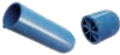










Specifications	DM0412
Speed Range	300-4500rpm, increment: 100rpm
Max. RCF	2490 × g
Speed accuracy	± 20rpm
Rotor type	A12-10P, A6-50P
Run Time	30sec-99min HOLD (Continuous operation)
Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis
Acceleration/Braking 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
Certification	CE cTÜVus
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function

## Available rotors

A12-10P (round bottom)	Cat. No.19400068	A6-50P (round bottom)	Cat. No.19100197
<b>for DM0412 &amp; DM0424 &amp; DM0408</b> Max. speed: 4500rpm Max. RCF: 2490 × g Rotor capacity: 8x15mL, 12x10mL Rotor material: High strength plastic		<b>For DM0412(A6-50P)</b> 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