

# Centrifuge 0412

## 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


Centrifuge 0412 is ideal for separation of whole blood components, such as serum, plasma, buffy coat, red blood cells, as well as other bodily fluids.



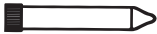
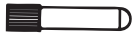




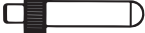

Specifications	Centrifuge 0412
Speed Range	300-4500rpm, increment: 100rpm
Max. RCF	2490×g
Speed accuracy	±20rpm
Rotor type	A12-10P, A6-50P
Run Time	30sec-99min HOLD (Continuous operation)
Motor	Brushless DC motor
Display	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis
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

<b>A12-10P (round bottom)</b>	Cat. No.919401
<p>for Centrifuge 0412 &amp; Centrifuge 0424 &amp; Centrifuge 0408 Max. speed: 4500rpm Max. RCF: 2490×g Rotor capacity: 8x15mL,12x10mL Rotor material: High strength plastic</p>	
	

<b>A6-50P (round bottom)</b>	Cat. No.919404
<p>For Centrifuge 0412(A6-50P) Max.speed: 4000rpm Max.RCF: 1800×g Rotor capacity: 50mL×6 or 15mL×6R otor material: High strength plastic</p>	
	

## 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
1.5-5 mL vacu 	12	13×75	A10P15 & Plug 	4500	9.8	2218
4-7 mL vacu 	12	13×100	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

Centrifuge is used to separate liquid and solid particles or components in a liquid mixture. Centrifuge series includes palm micro centrifuges, high-speed centrifuges (refrigerated and non-refrigerated), hematocrit centrifuges and low speed centrifuges.

### List of models:

Series	Image	Model	Display	Max. speed(RCF)	Rotor Capacity
<b>Palm Micro Centrifuge</b>		Centrifuge 1008	-	7000rpm (2680×g)	8×0.2/0.5/1.5/2mL 0.2mL×32PCR tubes 0.2mL×4PCR8-strips
<b>High speed Mini Centrifuge</b>		Centrifuge 2012	LCD	15000rpm (15100×g)	12×0.2/0.5/1.5/2mL
<b>High speed Refrigerated Micro Centrifuge</b>		Centrifuge 1524R	LCD	15000rpm (21380×g)	24×0.2/0.5/1.5/2mL 36×0.5mL 4×PCR-8 strips 12×5mL (cone bottom) 18×5mL (round bottom)
<b>High speed Micro Centrifuge</b>		Centrifuge 3024	LCD	15000rpm (21380×g)	
<b>Hematocrit Centrifuge</b>		Centrifuge 1424	LCD	12000 rpm (13680×g)	24×capillary tubes
		Centrifuge 1224	LCD	12000 rpm (13680×g)	24×capillary tubes
<b>Low-speed Centrifuge</b>		Centrifuge 0412	LCD	4500rpm (2490×g)	8×15mL 12×1.5-5/7/10mL
<b>Multi-Purpose low Speed Centrifuge</b>		Centrifuge 0424	LCD	4000rpm (2500×g)	Angel: 8×15mL Angel: 12×1.5-5/7/10mL Angel: 24×15mL Swing: 6×15mL Swing: 4×50mL
		Centrifuge 0408	LED	4000rpm (1900×g)	Angel: 8×15mL Angel: 12×1.5-5/7/10mL
<b>Low-speed Centrifuge</b>		Centrifuge 0506	LCD	5000rpm (2600×g)	6×1.5-5/7/10/15mL
<b>Multi-Purpose Low-speed Centrifuge</b>		Centrifuge 0636	LCD	6000rpm (4100×g)	60×2mL 18×5mL 30×15mL 8×50mL 12×PCR-8 strips 4×Deep Well Plates 8×PCR Microplate or ELISA Microplate