

# Centrifuge 0424 & Centrifuge 0408

## Multi-Purpose low Speed Centrifuge

### Features

- Quiet, compact, and convenient with LCD display
- Maximum up to 4000rpm Speed can be set in RPM/RCF, with 3 customizable routine programs (Blood, Urine & Faecal)
- 3 acceleration level & 4 level deceleration
- Maximum capacity 50mL ×4, Accommodating different sizes of blood collection tubes and centrifuge tubes suitable for swing out rotor and angle rotor
- Automatic internal diagnosis and self-detection
- Maintenance-free brushless DC motor

### Applications

Multi-purpose low speed centrifuge are versatile and can be used in applications from clinical to biochemical for qualitative an alysis of serum, plasma, blood, and urine.



Specifications	Centrifuge 0424	Centrifuge 0408
Speed range	500-4000rpm increment: 100rpm	300-4000rpm increment: 100rpm
Max. RCF	2500×g	1900×g
Speed accuracy	±100rpm	±100rpm
Rotor	Swing6×15mL Swing4×50mL Angle 24×15 mL, Angle 12×10mL/8×15mL	Angel 8×15mL(Default), Angel 12×10mL
Run time	1-99min, HOLD	1-99min, HOLD
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LED
Program	Blood: 3200rpm,10min. Urine: 1800rpm,5min. Faecal: 1300rpm,10min.	Blood: 3200rpm, 10min Urine: 1800rpm,5min Faecal: 1300rpm, 10min
Safety Device	Automatic internal diagnosis	Automatic internal diagnosis
Acceleration/deceleration	3 ↑ 4 ↓ steps	25s ↑ 35s ↓
Power Requirements	Single phase, 100V-240V, 50Hz/60Hz	Single phase, 100V-240V, 50Hz/60Hz
Dimension(W×D×H)	364×440×268mm	286×367×227mm
Weight	14.5kg	9.2kg
Certification	CE cTUVus	CE cTUVus
Noise	≤62dB(A)	≤60dB(A)

## Available rotors

**S6-15**

Cat. No.919201

**for Centrifuge 0424**

Max. speed: 4000rpm  
Rotor capacity: 15mL×6  
Rotor material: Aluminum alloy  
Default adaptor: A15P22, A5P17



**A12-10P**

Cat.No.919205

**for Centrifuge 0424/Centrifuge 0408  
Centrifuge 0412**

Max.speed : 4000rpm  
Rotor capacity: 15mL×8,10mL×12  
Rotor material: High strength plastic  
Default adaptor : A2P17



**S4-50**

Cat. No.919203

**for Centrifuge 0424**

Max. Speed: 4000rpm  
Rotor capacity: 50mL×4  
Rotor material: Aluminum alloy  
Default adaptor: A15P30, A5P17



## Available adaptors

**A15P30**

Cat. No.919206

50mL change 15mL adapter,  
Adapted to 17×120mm centrifuge  
tube, 13/16×100mm blood  
collection tube 4pcs/pk,



**A24-15P**

Cat. No.919204

**for Centrifuge 0424**

Max. speed: 4000rpm  
Rotor capacity: 15mL×24  
Rotor material: High strength plastic  
Default adaptor: A15P22, A5P17



**A15P22**

Cat. No.919207

15mL adapter for 17×120mm  
centrifuge tube, 13/16×100mm  
blood collection tube 24 pcs/pk,for  
S6-15, A24-15P, A8-15P



**A8-15P**

Cat. No.919202

**for Centrifuge 0424/Centrifuge 0408**

Max. Speed: 4000rpm  
Rotor capacity:15mL×8  
Rotor material: High strength plastic  
Default adaptor: A15P22



**A5P17**

Cat. No.919208

5mL adapter, Adapted to 13×75mm  
blood collection tube 24 pcs/pk,  
for S4-50, S6-15, A24-15P




**A2P17(Optional)**


Cat. No.919209

1.5/2mL Cryogenic Vials/ centrifuge  
tube adapter, 24 pcs/pk, for S4-50, S6  
-15, A24-15P, A12-10P, A6-50P

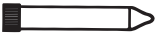
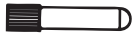




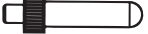

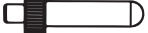



## Available rotors

<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