

Centrifuge 1424

Hematocrit Centrifuge

Features

- Speed range of 200-12000 rpm precise and independent control of speed and time
- Easy operation with intuitive menu and LCD display
- Maintenance-free brushless DC motor
- Pulse operation for fast and convenient quick spins
- Advance features include speed/RCF switch; short-time run function; audible alert function
- Safety features include door interlock, overspeed detector; over-temperature detector; automatic internal diagnosis and automatic rotor identification



Centrifuge 1224

Economical Hematocrit Centrifuge

Features

- Speed range of 500-12000 rpm
- Precise control of speed and time
- Maintenance-free brushless DC motors
- Door interlock

Applications

Hematocrit centrifuges are used for determination of erythrocyte fractions in blood as well as micro solution separations. It provides hematocrit values (HCT) for testing in biochemistry, immunity, genetics, blood separation and for general clinical tests for diagnostic purposes and also for dope tests. They have special applications for the photometric determination of bilirubin content in neonate blood samples. They are suitable for extraction of DNA and RNA. Veterinary clinics and Vitamins testing for Infants.



Specifications	Centrifuge 1424	Centrifuge 1224
Speed Range	200-12000rpm, increment: 10rpm	500-12000rpm, increment: 100rpm
Max. RCF	13680×g	13680×g
Speed Accuracy	±20	±100
Run Time	30sec-99min/Continuous	10sec-99min/Continuous
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LCD
Safety Devices	Door interlock, Overspeed detector; Automatic internal diagnosis, Automatic rotor identification	Door interlock
Acceleration/Braking time	30s↑ 30s↓	40s↑ 40s↓
Power Requirements	Single-phase, 200V-240V, 50Hz/60Hz, 5A; 100V-120V, 50Hz/60Hz, 5A 160W	Single-phase, 200V-240V, 50Hz/60Hz, 5A; 380W
Dimension[WxDxH]	280×364×274mm	280×364×213mm
Weight	10.5kg	8.5Kg
Certification	CE cT ÜVus FCC MCA	-
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	Speed/RCF switch; Short-time run function; sound-alert function



Available rotors

AC24

Cat. No.919601

Centrifuge 1424 & Centrifuge1224

Max. speed: 12000rpm

Max. RCF: 13680×g

Rotor capacity: capillary tubes x24

Rotor material: High strength aluminum



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
Palm Micro Centrifuge		Centrifuge 1008	-	7000rpm (2680×g)	8×0.2/0.5/1.5/2mL 0.2mL×32PCR tubes 0.2mL×4PCR8-strips
High speed Mini Centrifuge		Centrifuge 2012	LCD	15000rpm (15100×g)	12×0.2/0.5/1.5/2mL
High speed Refrigerated Micro Centrifuge		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)
High speed Micro Centrifuge		Centrifuge 3024	LCD	15000rpm (21380×g)	
Hematocrit Centrifuge		Centrifuge 1424	LCD	12000 rpm (13680×g)	24×capillary tubes
		Centrifuge 1224	LCD	12000 rpm (13680×g)	24×capillary tubes
Low-speed Centrifuge		Centrifuge 0412	LCD	4500rpm (2490×g)	8×15mL 12×1.5-5/7/10mL
Multi-Purpose low Speed Centrifuge		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
Low-speed Centrifuge		Centrifuge 0506	LCD	5000rpm (2600×g)	6×1.5-5/7/10/15mL
Multi-Purpose Low-speed Centrifuge		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