

D/LAB hematocrit centrifuge with AC24P hematocrit rotor is used for determination of volume fractions of erythrocytes in blood for diagnostic purposes and doping tests. Also it is used for the photometric determination of bilirubin content in neonate blood samples. Hematocrit centrifuge with A24-2P tube rotor, can be used for extraction of DNA and RNA.



CE FC



DM1424 Hematocrit Centrifuge

Features

- Speed range of 200-14000rpm, max. RCF 18620×g
- Precise control of speed and time separately
- Easy operation with intuitive menu and easy-to-read display
- Maintenance-free brushless DC motors
- Pulse operation for quick spins
- Rotor capacity: Hematocrit rotor:
- Hematocrit rotor: 24 capillary max. speed: 12000rpm
- Tube rotor: 1.5/2mL×24 max. speed: 14000rpm

DM1224 Economical Hematocrit Centrifuge

Features

- Max. speed is 12000rpm, max. RCF 13680×g
- Precise control of speed and time separately
- Rotor capacity: Hematocrit rotor: 24 capillary

Specifications

	DM1424	DM1224
Speed Range	200-14000rpm, increment: 10rpm	500-12000rpm, increment: 100rpm
Max. RCF	18620×g	13680×g
Speed Accuracy	±20	±100
Rotor Capacity	2 type	1 type
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	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	10kg	10kg
Certification	CE cTUVus FCC MCA IVD	-
Advanced features	Speed/RCF switch; Short-time run function; sound-alert function	Speed/RCF switch; Short-time run function; sound-alert function



Available rotors



Cat. No. 19400013

A24- 2P DM1424

Max. speed: 14000rpm
 Max. RCF: 18620×g
 Rotor capacity: 2mL/1.5mL×24,0.2mL×24,0.5mL×24
 Rotor material: High strength plastic
 Available rotor adapters: A02P2,A05P2,A10P15 & Mat



Cat. No. 19400047

AC24 DM1424 & DM1224

Max. speed: 12000rpm
 Max. RCF: 13680×g
 Rotor capacity: capillary tubes x24
 Rotor material: High strength aluminum

Available adapters



Cat. No. 19500001

A02P2

2mL to 0.2mL rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk



Cat. No. 19500002

A05P2

2mL to 0.5mL rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk



Cat. No. 19500003

A02P05

Rotor adapter, used with A12-10P, 12pcs/pk



DLAB Low-speed centrifuges are widely used in the separation of serum, plasma, urea, blood samples and other routine applications in hospital and research laboratories.

Conforms to international safety standards and regulations

- DLAB Low-speed centrifuges are marked with CE, cTUVus and FCC, and passed the explosion-proof test / MCA test according to IEC/EN61010-2-20
- Passed EN61010-2-101:2002 particular requirements for In-vitro diagnostic (IVD) medical equipment
- High strength plastic rotor gives excellent balance to guarantee stable operation
- Dual protection housing particularly advantageous for safe running
- Brushless DC motor precisely accelerates to the set speed

Precise control

- Powerful CPU for easy operation of speed, time and all other parameters
- High accuracy of speed
- Digital timer adjustable from 30 sec. to 99 min or set for continuous run
- Gentle braking at low speeds with efficient separation

Ergonomic design

- Easy operation thanks to intuitive menu and easy-to-read display
- RPM or G-force can be set and displayed
- Parameters can be modified after the set speed is reached
- Pressing and holding PULSE key for quick spin function
- Automatic lid-lock release
- Easy-to-read processing display and sound alert

