

DM1424 Hematocrit Centrifuge

Our 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 to derive plasma for the photometric determination of the bilirubin content of the blood of neonates.

Hematocrit centrifuge with A24-2P tube rotor is suit for 1.5/2mL tubes, which can be used for extraction of DNA and RNA.



CE  FC



DM1424

AC24P hematocrit rotor kit with a lid and a reading disk

Features

- Speed range of 200-14000rpm, Max. RCF 18620xg
- Precise control speed and time with efficient separation
- LCD digital display
- Brushless DC motor
- Pulse operation for quick spins
- Rotor capacity: Hematocrit rotor: 24 capillary Max. speed:12000rpm
Tube rotor: 1.5/2mLx24 Max. speed: 14000rpm



Specifications

	DM0412	DM0412E	DM1424
Max. Speed [rpm]	300-4500, increment: 100	4500, increment: continue	200-14000, increment: 10
Max. RCF [xg]	2490xg, increment: 100xg	2490xg, increment: continue	18620xg, increment: 10xg
Speed Accuracy [rpm]	±20	-	±30
Rotor Capacity	10mL/7mL/5mLx12; 15mLx8	10mL/7mL/5mLx12; 15mLx8	Tube rotor: 1.5/2mLx24 (14000rpm); Hematocrit rotor: capillary tubes x24 (12000rpm)
Run Time	30sec-99min-HOLD (Continuous operation)	0-30min	30sec-99min-HOLD (Continuous operation)
Driving Motor	Brushless DC motor	DC motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detector; Automatic internal diagnosis	Door interlock, Over-speed detection	Door interlock, Over-speed detector; Over-temperature detector; Automatic internal diagnosis; Automatic rotor identification
Power	Single-phase, 110V-240V, 50Hz/60Hz, 3A	Single-phase, 220V-240V, 50Hz/60Hz, 3A; 110V-120V, 50Hz/60Hz, 3A	Single-phase, 220V-240V, 50Hz/60Hz, 5A; 110V-120V, 50Hz/60Hz, 5A
Noise level [dB]	≤56	≤56	≤60
Acceleration /Braking time [Sec]	20s ↑ 20s ↓	25s ↑ 25s ↓	20s ↑ 20s ↓
Dimensions [mm]	(L)255 x(W)245x(H)140	(L)255 x(W)245x(H)140	(L)280x(W)364x(H)266
Weight	6 kg	6 kg	10kg
Additional Features	Speed/RCF switch; Short-time run function; sound-alert function	sound-alert function	Speed/RCF switch; Short-time run function; sound-alert function

