

## Hematocrit Centrifuge DM1424

Hematocrit centrifuge with AC24P rotor is used for determination of volume fractions of erythrocytes in blood and also for separation of micro blood and solution.

Hematocrit centrifuge with A24-2P rotor is used for extraction of DNA and RNA.

### Features

- Speed range of 200-14000 rpm, Max. RCF 18620g
- Two rotors, hematocrit rotor with Max. capacity 24 capillary tubes and 2ml × 24 rotor
- Precise control speed and time with efficient separation



DM1424  
AC24P hematocrit rotor kit with a lid and a reading disk

### Specifications

	DM0412	DM0412E	DM1424
Max. Speed [rpm]	300-4500, increment: 100	4500, increment: continue	200-14000, increment: 10
Max. RCF [×g]	2490 × g, increment: 100 × g	2490×g, increment: continue	18620g, increment: 10 × g
Speed Accuracy [rpm]	±20		±30
Rotor Capacity	12 × 10ml/7ml/5ml; 8 × 15ml	12×10ml/7ml/5ml; 8×15ml	24 × 1.5/2ml (14000rpm); hematocrit rotor:24 × capillary tubes (12000rpm)
Run Time	30sec-99min-HOLD (Continuous operation)	0-30min-HOLD (Continuous operation)	30sec-99min-HOLD (Continuous operation)
Driving Motor	Brushless DC motor	DC motor	Brushless DC motor
Safety Devices	Door interlock, Over-speed detection; Automatic internal diagnosis	Door interlock, Over-speed detection	Door interlock, Over-speed detection; Over-temperature detection; Automatic internal diagnosis; Automatic rotor identification
Power	Single-phase, 110V-240V, 50Hz/60Hz, 3A	Single-phase, 110V-120V, 50Hz/60Hz, 3A. 220V-240V, 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 × (W)245 × (H)140	(L)255×(W)245×(H)140	(L)280 × (W)364 × (H)266
Weight	6 kg	6 kg	10kg
Additional Features	Speed/RCF switch; Short-time run function; sound-alert function	-	Speed/RCF switch; Short-time run function; sound-alert function

## Available rotors and adapters

				
<b>Centrifuges</b>	<b>DM0412</b>	<b>DM0412E</b>	<b>DM1424</b>	
				
Rotor P/N	A12-10P	A12-10P	A24-2P	AC24P
Cat No.	19200348	19200358	19400013	19400015
Max. speed (rpm)	4500	4500	14000	12000
Max. RCF (× g)	2490	2490	18620	13680
Rotor capacity	15ml × 8 10ml/5ml/7ml × 12	15ml × 8 10ml/5ml/7ml × 12	2ml/1.5ml × 24 0.2ml × 24 0.5ml × 24	24 × capillary tubes
Rotor material	High strength plastic	High strength plastic	High strength plastic	High strength plastic
<b>Rotor adapters</b>				N/A
A02P2			●	
A05P2			●	
A10P15 & Mat	●	●		



Rotor adapters		
P/N	Cat. No.	Descriptions
A02P2	19500001	2ml to 0.2ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk
A05P2	19500002	2ml to 0.5ml rotor adapter, used with A12-2, A12-2P, AS24-2 and A24-2P rotors, 24pcs/pk
A10P15	19200027	Rotor adapter, used with A12-10P, 12pcs/pk
	19200028	Rotor adapter mat, used with A10P15, 12pcs/pk

## Ordering Information

Cat. No.	P/N	Descriptions	Power supply
913023419999	DM0412	Clinical Centrifuge, with A12-10P rotor	US plug, 110-240V/50Hz/60Hz
913123419999			Cn plug, 110-240V/50Hz/60Hz
913223419999			Euro plug, 110-240V/50Hz/60Hz
913323419999			UK plug, 110-240V/50Hz/60Hz
912025539999	DM1424	Hematocrit Centrifuge, with AC24P rotor kit	US plug, 110-120V/50Hz/60Hz
912125529999			Cn plug, 220-240V/50Hz/60Hz
912225529999			Euro plug, 220-240V/50Hz/60Hz
912325529999			UK plug, 220-240V/50Hz/60Hz
<b>Accessories</b>			
19200348	A12-10P	Plastic rotor, 4500rpm, 15ml × 8, used with DM0412	
19400023	AC24P	Hematocrit rotor kit with a lid and a reading disk (Dragonlab LOGO), 12000rpm, 24 × capillary tubes, used with DM1424	
19400013	A24-2P	Plastic rotor kit with lid (Dragonlab LOGO), fixing clips and O'ring, 14000rpm, 2ml/1.5ml × 24, used with DM1424	