

## DM1424 series



SHCHEER 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.

### 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

### DM1224E 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



## DM1424 series



CE FC



CE FC

### Specifications

	DM1424	DM1224E
Speed Range	200-14000rpm, increment: 10rpm	300-12000rpm, increment: 100rpm
Max. RCF	18620×g	13680×g
Speed Accuracy	±20	±100
Rotor Capacity	2 type	1 type
Run Time	30sec-99min/Continuous	30sec-99min/Continuous
Motor	Brushless DC motor	Brushless DC motor
Display	LCD	LCD
Safety Devices	Door interlock, Overspeed detector; Over-temperature detector, Automatic internal diagnosis, Automatic rotor identification	Door interlock, Imbalance protection
Acceleration/Braking time	30s ↑ 30s ↓	30s ↑ 30s ↓
Power	Single-phase, 220V-240V, 50Hz/60Hz, 5A; 110V-120V, 50Hz/60Hz, 5A 500W	Single-phase, 220V-240V, 50Hz/60Hz, 5A; 110V-120V, 50Hz/60Hz, 5A 500W
Dimension[WxDxH]	280×364×266mm	280×370×220mm
Weight	10kg	8kg
Certification	CE cT  us 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



#### A24- 2P

Cat. No. 19400013

for 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



#### AC24

Cat. No. 19400046

for DM1424 & DM1224E

Max. speed: 12000rpm

Max. RCF: 13680 × g

Rotor capacity: capillary tubes x24

Rotor material: High strength aluminum



### Available adapters

#### A02P2

Cat. No. 19500001

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

#### A05P2

Cat. No. 19500002

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

#### A10P15

Cat. No. 19500003

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