

41

# CENTRIFUGE



## MINI CENTRIFUGE



### Features:

- Low noise  $\leq 50$ dB
- Fixed speed of 5400rpm
- Click-on design allows for very easy rotor change without tools
- High safety by low operation voltage and door open braking system
- Equipped with 2 interchangeable rotors of 1.5/2mL x 6 and PCR 8 x 2
- Enclosed design reduces the risk of liquid splashing into the equipment
- Excellent dynamic balance keeps stable running even if the rotor is unbalanced on two sides

### SPECIFICATIONS:

Model	CF0201001
Max. Speed[rpm]	5400
Max. RCF[x g]	2000
Input	100-240VAC, 50/60HZ
Output	24VDC, 2A
Run time	Continuous operation
Driving motor	DC motor
Rotor capacity	0.2/0.5/1.5/2.0mL x 6 0.2mL x 16 PCR strips 0.2mL x 2 PCR 8 strips
Noise level [dB]	$\leq 50$
Dimension	6.9" x 5.5"
Weight [kg]	1.85

# HIGH SPEED MICRO CENTRIFUGE



## Features:

- Brushless DC motor
- PULSE offers quick spins
- High speed accuracy of  $\pm 20$ rpm
- Large LED display for easy reading
- Fast acceleration and braking system
- Automatic lid open upon running completion
- Timer starts when the unit reaches the set speed
- Dedicated 3D digital wheels to adjust speed and time
- Programmable operation can store up to 10 programs
- Motor-driven lid locking system for high safety and reliability
- Heavy base eliminates vibration and movement when running
- Powerful centrifugal force of 15100 x g and Max. speed of 15000rpm
- Explosion-proof and fully enclosed strong inner steel structure for full protection
- Air flow leaking design ensures the air flow freely in operation to prevent samples being heated when high speed spinning
- Both aluminum alloy and plastic rotor available and rotor capacity:  
1.5/2.0/0.2/0.5mL x 12



## SPECIFICATIONS:

<b>Model</b>	CF0201002
<b>Speed range [rpm]</b>	500-15000rpm, increment: 100rpm
<b>Max. RCF [x g]</b>	15100, increment: 100
<b>Speed accuracy [rpm]</b>	±20
<b>Rotor capacity</b>	0.2ml/0.5ml/1.5ml/ 2ml×12
<b>Time range</b>	Timing operation:30s-99m Continuous operation
<b>Motor</b>	Brushless DC motor
<b>Safety devices</b>	Door interlock, Over-speed detection; Over-temperature detection; Automatic internal diagnosis
<b>Power</b>	Single-phase, AC110V-240V, 50Hz/60Hz, 3A
<b>Noise level [dB]</b>	≤56
<b>Acceleration/Braking time[Sec]</b>	30s↑10s↓
<b>Dimensions [mm]</b>	256 x 225 x 155
<b>Weight [kg]</b>	6
<b>Additional features</b>	Speed/RCF switch; Short-time run function; sound-alert function

# CLINICAL CENTRIFUGE



200-4500  
RPM  
Speed range

30s  
-  
99min  
Timed  
operation

10mL/7mL  
5mL/15m  
17mL

20s↑  
15s↓  
Acceleration  
Braking Time

## Features:

- Micro-computer control gives high speed control accuracy and excellent centrifugation performance
- Brushless DC motor is maintenance-free and provides rapid acceleration and deceleration
- High strength and high toughness plastic rotor is strong flameret ardent; impact resistant, wear resistant and chemical resistant
- Large LED display can show the running process and the error warning
- Independent digital wheels adjust the speed and time
- Two operation modes are available; timed operation of 30s-99m and continuous operation
- Run parameters can be adjusted after the set speed is reached
- The door interlock design makes the door open automatically after a beep when the run is completed, which can prevent samples overheating
- There's self-diagnostics when turned on and the LED displays the accumulated running time together with parameters of the last run
- Excellent dynamic balance ensures quiet and stable running
- The short spin function is used for quick spins by pressing and holding PULSE key





## SPECIFICATIONS:

<b>Model</b>	CF0202003
<b>Speed range [rpm]</b>	200-4500, increment: 100
<b>Max. RCF [x g]</b>	2940
<b>Speed accuracy [rpm]</b>	±20
<b>Rotor capacity</b>	10mL/7mL/5mLx12; 15mLx8
<b>Time range</b>	Timing operation: 30s-99min; Continuous operation
<b>Motor</b>	Brushless DC motor
<b>Safety devices</b>	Door interlock; Over-speed detection; Over-temperature detection; Automatic internal diagnosis
<b>Power</b>	Single-phase, AC110V-240V, 50Hz/60Hz, 2.5A
<b>Acceleration/ Braking time[Sec]</b>	20s↑ 15s↓
<b>Dimensions [mm]</b>	460 x 310 x 270
<b>Additional features</b>	Speed/RCF switch; Short-time run function; sound-alert function

## Features:

- Set and display speed in RPM or G-force
- Brushless DC motor is no pollut ion and maintenance-free
- Micro-computer control gives high speed control accuracy
- Digital LCD display for the real-time parameters and the experimental process
- The shot spin function is used for quick spins by pressing and holding PULSE key
- Electrical lock can release the lid automatically when rotor stops to save processing time and prevent samples overheating
- Go into a self-diagnostic check when switched on and then displays accumulative running time and last running parameters



## SPECIFICATIONS:

Model	TD-CC-01
Speed range [rpm]	300-4500, increment: 100
Max. RCF [x g]	2490xg, increment: 100xg
Speed accuracy [rpm]	±20
Rotor capacity	10mL/7mL/5mLx12; 15mLx8
Time range	Timing operation: 30s-99m Continuous operation
Driving motor	Brushless DC motor
Safety devices	Door interlock, Over-speed detection; Automatic internal diagnosis
Power	Single-phase, AC110V-240V, 50Hz/60Hz, 3A
Acceleration/ Braking time[Sec]	20s↑ 20s↓
Dimensions [mm]	225x245x140
Weight [kg]	6
Additional features	Speed/RCF switch; Short-time run function; Sound-alert function

# HEMATOCRIT CENTRIFUGE

## Features:

- Precise control speed and time with efficient separation
- Speed range of 200-14000rpm, Max. RCF 18620xg
- Pulse operation for quick spins
- Brushless DC motor
- LCD digital display
- Rotor capacity

Hematocrit rotor: 24 capillary

Max. speed: 12000rpm

Tube rotor: 1.5/2mL x 24

Max. speed: 14000rpm



## SPECIFICATIONS:

Model	TD-HC-07
Speed range [rpm]	200-14000, increment: 100
Max. RCF [x g ]	18620xg, increment: 10xg
Speed accuracy [rpm]	±30
Rotor capacity	Tube rotor: 1.5/2ml/×24 (14000rpm); Hematocrit rotor: capillary tubers x 24 (12000rpm)
Time range	Timing operation: 30s-99m Continuous operation
Motor	Brushless DC motor
Safety devices	Door interlock, Over-speed detector; Over-temperature detector; Automatic internal diagnosis; Automatic rotor identification
Power	Single-phase, 220V-240V, 50HZ/60HZ, 5A 110V-120V, 50HZ/60HZ, 5A
Acceleration/ Braking time[Sec]	20s↑ 20s↓
Dimensions [mm]	280x364x266
Weight [kg]	10
Additional features	Speed/RCF switch; Short-time run function; Sound-alert function