

## HIGH-SPEED CENTRIFUGE



### BR-HSC-185K CENTRIFUGE MACHINE

Suitable for Medical care, Colleges and Universities, Bioengineering, Molecular Biology, Pharmaceutical factories, Research experiment, Agricultural science, Food testing, Environmental protection, etc.

#### FEATURES:

- Microprocessor Control, can preset rotation speed, time, centrifuge force, and different rotation speed.
- Optimized sound design for low noise levels( $\leq 70\text{dB(A)}$ )
- Steel metal case, stainless vessel, electronic security lock to keep the centrifuge safe when running.
- Fast sample processing at maximum speeds of up to 18,500rpm( $23,900\times g$ ).
- DC brushless variable frequency motor, Maintenance free.
- Automatic balance device inside, three level shock absorption, better centrifugal. And also has Fault alarm function.



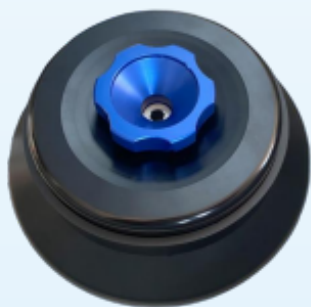
## INTUITIVE INTERFACE

- LCD display , Liquid crystal display, key operation.
- There are many specifications of rotors and adapters optional.
- 10 speed levels to make the instruments start and stop quickly; Combination keys to adjust the up-down speed.
- Last running parameters also remembered automatical.
- The speed, centrifugal force, time and can be changed by user during the centrifugation process.
- The speed step is increased to 100rpm, making it easier to set parameters.

## TECHNICAL PARAMETERS

| MODEL       | MAXIMUM CAPACITY (ML) | MAX SPEED (RPM) | MAX RCF (XG) | SPEED ACCURACY | TIME SETTING RANGE |
|-------------|-----------------------|-----------------|--------------|----------------|--------------------|
| BR-HSC-185K | 100ml*6               | 18500           | 23900        | ±1%            | 0min~999min±1min   |

## ANGLE ROTOR INTUITIVE DIAGRAM



Tube



1.5/2ml



5ml



5ml



10/15ml



50ml



## FIXED-ANGLEROTOR

| ROTOR CAPACITY MODEL | MAXIMUM SPEED | RCF       | NOTES    |
|----------------------|---------------|-----------|----------|
| 1.5/2ml*12           | 18500r/min    | 23900 x g | Standard |
| 1.5/2ml*24           | 15000r/min    | 20600 x g | Optional |
| 1.5/2ml*48           | 11000r/min    | 12840 x g | Optional |
| 5ml*16               | 15000r/min    | 20600 x g | Optional |
| 7ml*12               | 14000r/min    | 16370 x g | Optional |
| 10ml*12              | 13000r/min    | 17000 x g | Optional |
| 50ml*6               | 12000r/min    | 16000 x g | Optional |
| 15ml*12              | 9000r/min     | 9600 x g  | Optional |
| 100ml*4              | 9000r/min     | 9600 x g  | Optional |
| 100ml*6              | 9000r/min     | 9600 x g  | Optional |

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