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# HIGH-SPEED CENTRIFUGE **ZHC-300 ABB**



# High-Speed Centrifuge



## Key Features



### Stepless Speed Regulation

- Maximum speed up to 18,000 rpm, maximum relative centrifuge up to 23545\*g
- Imported refrigerating compressor, high refrigeration efficiency.
- AC frequency conversion motor drive, quiet operation clean.
- Offers nine ascending and descending rate selection mode, Offer ten kinds of working mode selection, can free programming call.
- Speed/centrifugal force can be set and double synchronous display screen
- Automatic balance without balancing
- Automatic identification of rotor, Turned to use memory function, turned to the service life of the machine will alarm prompt, prevent the security hidden danger.



### Ergonomic Design

- Full steel structure, Stainless steel centrifugal cavity
- Door with double lock rod design, magnetic locks, electric door, more safety and reliable operation
- Turned to use memory function, turned to the service life of the machine will alarm prompt, prevent the security hidden danger.



### Precision Control System

- Microcomputer control, LCD liquid crystal display(LCD)
- Two optional timing mode: run start timing and timing starts to set speed, easy to switch.
- Can change at any time in the operation of the parameters without downtime



## Application

This series of centrifuges are advanced intelligent instruments, widely used in biochemistry, medical and health, food safety, life sciences, agriculture and forestry sciences, animal husbandry sciences, blood banks, blood stations, biopharmaceuticals, and other fields.

# High-Speed Centrifuge

## Specifications

<b>Performance</b>	Max. Speed	23000rpm
	Max. RCF	33097 × g
	Speed Accuracy	±100rpm
	Temperature Range	-20°C~ +40°C
	Temperature Accuracy	±2°C
	Sound Emission	≤55dB
	Timer Range	1min ~99:99:59 (hh:mm:ss)
	Construction	All-steel construction Stainless steel centrifugal chamber
<b>Electrical Data</b>	Power Supply	AC 220V 50HZ
	Power	1.5 kVA
<b>Dimensions</b>	Weight	90 kg
	Dimensions (L × W × H)	690 × 630 × 520mm

## Optional Rotor Configuration

Rotor No.	Max. Speed (r/min)	Max. RCF(×g)	Max. Capacity
1	21000	25622	24 × 0.2ml
2	18000	23846	24 × 0.5ml
3	23000	26614	12 × 0.5ml
4	21500	33097	12 × 1.5ml/2.2ml
5	16000	22810	24 × 1.5ml/2.2ml
6	16000	17459	12 × 5ml
7	14000	18188	12 × 10ml
8	12000	14170	8 × 15ml

## Optional Rotor Configuration

Rotor No.	Max. Speed (r/min)	Max. RCF(×g)	Max. Capacity
9	12000	16099	6 × 50ml
10	14000	13367	32 × 0.2ml
11	15000	20376	36 × 1.5ml/2.2ml
12	16000	31482	48 × 0.5ml
13	5000	3775	4 × 50ml
14	4000	1932	96holes x2 Enzymes Plate rotor
15	4000	2344	96holes x4 Enzymes Plate rotor



For more information drop us an email at [info@zygon.ca](mailto:info@zygon.ca)