

Vacc-Safe

Desktop High-speed Refrigerated Centrifuge VS-2018HR

Science for life



Desktop High-speed Refrigerated Centrifuge

Scope of Application

Widely used in: teaching, scientific research, biochemical products, medical inspection, food safety, agricultural product inspection, animal husbandry and aquatic product inspection, microbiology, molecular chemistry, environmental protection, quality inspection and other industries.

Key features



Touch screen operation, precise control

Microcomputer control, Touch screen, easy to use and easy to operate;

The interactive interface is rich in functions, and the working program, centrifugal force, rotational speed, centrifugal time, speed up and down, etc. can all be set with one key.



Stable operation, safe and reliable

Brushless AC inverter motor drive, using a dedicated drive module, High reliability circuit;

Steel structure, the machine is more stable, 304 stainless steel cavity, wear-resistant and corrosion-resistant;

Automatic lock design, equipped with error and unbalance alarm and protection functions;

The magnetic rotor automatically recognizes the highest speed for better safety.



Balance Detection

Vibration monitoring: designed with six-axis gyroscope technology, the machine will stop automatically if the vibration exceeds safe limits.

Rotor balancing detection: dynamic monitoring of the centrifugal process, active recognition of balance errors and automatic shutdown control.

Centrifuge balancing detection: built-in electronic gradiometer, automatically monitor the unit balancing status.



Humanized design, meet user needs

Stable and quiet operation with low noise;

Automatic hover door hinge design, more friendly to open and close the door;

5 differential speed centrifugation program settings, 15 kinds of speed up and down gears, 20 kinds of working programs, the user can set arbitrarily according to the needs.



Specifications/Rotor Configuration List

Model	VS-2018HR
Classification	Desktop
Refrigerated	YES
Max Speed (rpm)	18800
Max RCF (xg)	26870
Speed Accuracy (rpm)	±10
Timer	1s ~ 99h59min59s
Temperature Setting Range (°C)	-20 ~ 40
Sound Level (dB(A))	≤50
Display	Touchscreen
Exterior Dimension (W*D*H mm)	613*382*325
Net Weight (kg)	70

● Available Rotor

Available Rotor	Capacity	Max. Speed	Max. RCF
	75mm*36 (capillary)	12000rpm	16904xg
	0.2ml*4*8	13500rpm	14059xg
	0.2ml*8*8	13000rpm	14926xg
	0.5ml*12	18800rpm	18967xg
	0.5ml*24	18800rpm	26870xg
	0.5ml*48	13000rpm	14737xg
	1.5ml/2.2ml*12	18800rpm	26870xg
	1.5ml/2.2ml*24	15800rpm	24365xg
	5ml*12	16000rpm	19462xg
	10ml*12	13500rpm	17645xg
	vacuum tube 5ml*12	8000rpm	7119xg
	cryo tube 5ml*12	13000rpm	16155xg