



VORTEX 6K

Large Capacity Low Speed Refrigerated Centrifuge

VORTEX 6K is an intelligent centrifuge developed by Cence/Xiangyi. It can monitor 1 to 100 centrifuges through intelligent terminal (computer), monitor the operation status of centrifuges, and save relevant records of centrifuge operation, Establish a safe connection with the centrifuge and remotely control the startup and stopping of the centrifuge, It meets the requirements for the integrity of operation information of biopharmaceutical GMP instruments. Come with standard network interface, user can control the centrifuge by Mobile APP.

Product advantages

- ◆ Automatic door opening & closing by just touch the key on the screen. Door lid come with intelligent anti pinch device.
- ◆ Swing rotor 6x1000ml for biological product separation. It can also separate 6x400ml triple blood bags in one cycle, which greatly improves the production efficiency and separation effect.
- ◆ Multiple protective functions, including the protection of over-speed, over-temperature, motor over-heating as well as door lid.
- ◆ The rotor adopt 7075-T6 aviation grade alloy aluminum , hard oxidation, corrosion resistance. From raw material to finished products, each process is strictly controlled. The flaw detection report , tensile test report , chemical composition test report and processing test report can be provided. Centrifuge chamber adopt 2mm thick 316L stainless steel , Housing (3mm Q235 steel) , Containment (15mm Q235 steel) , Diaphragm in door lid (3mm Q235 steel)
- ◆ The system adopts unified and standard Ethernet communication interface and provides key parameter point table , to facilitate system expansion and bring data into system monitoring.
- ◆ Save up to 100 user-defined program. Users can name each program to distinguish it. Each program can be divided into 5 steps (set speed, time, temperature) , to meet the diversified experimental needs.
- ◆ 11 acceleration and 12 deceleration rate (NO.10 rate can be self-defined) , to prevent second emulsion or turbid, to achieve best centrifugation result.
- ◆ In Manual mode, parameters can be set quickly. RCF and speed be shifted by just touch the key.
- ◆ Powerful control system allows easy data capture, storage, and processing
- ◆ (Optional) It can monitor 1 to 100 centrifuges through intelligent terminal (computer); Provide real-time connection with centrifuge with mobile APP; Built in help information in each interface; Make the centrifuge intelligent.

Technical parameter















No:1



Rotor Type: Angle Rotor
 Max Speed: 6000r/min
 Max RCF: 6680xg
 Max Capacity: 6×500ml
 Order NO: 0301801900
 Adapter: 6×250ml、6×100ml、12×50ml (conical) 、18×50ml、42×15ml (conical) 、42×10ml、60×5ml、78×1.5ml

Rotor parameters

Order NO	0204260031		
Max Speed	Angle Rotor	6000r/min	Swing Rotor 4200r/min
Max RCF	Angle Rotor	6680xg	Swing Rotor 5100xg
Max Capacity	Angle Rotor	6x500ml	Swing Rotor 6x1000ml
Time Setting Range	two mode 1min-99h59min ,1s-99min59s optional, default mode 1min-99h59min		
Timing mode	Start Timing after Spinning, Start Timing after Reach Setting Speed, Continuous Timing, Operation at an appointed Time		
Temperature Setting Range	-20°C~40°C, Setp 1°C adjustable		
Temperature Accuracy	±2°C		
Speed Accuracy	±10r/min		
Power Supply	AC220±22V 50Hz		
Power Consumption	4kW		
Noise	≤65dB (A)		
Rotor Identification	Yes		
Imbalance Protection	Yes		
Pre-cooling function	Yes		
Computer Control	RS485 or RS232		
Protection Function	Imbalance Protection,Rotor-identification,Door Lid Anti Pinch Protection,Motor Overheating Protection,Over-Speed Protection,Over-temperature Protection		
Dimension (WxDxH)	728×935×943 (mm)		
Packing Dimension (WxDxH)	920×1040×1200 (mm)		
Net Weight	330kg		

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:2</p>  <p>Rotor Type: Swing Rotor Max Speed: 4200r/min Max RCF: 5100xg Max Capacity: 6×1000ml Order NO: 0302850500 (rotor, round bucket and windshield included)</p>  <p>Order NO: 0302891100 (rotor, rectangular bucket and windshield included)</p>	 <p>Round Bucket Max Capacity: 6×1000ml Order NO: 0303891021</p>		6x1x500ml(conical/round) 0304891533 (conical) 0304891040 (round)		6x1x300ml 0304891048
			6x1x250ml (conical) 0304891049		6x1x200ml Blood bag 0304850527
			6x3x100ml 0304891042		6x5x50ml (conical/round) 0304891043 (conical) 0304891044 (round)
			6x14x15ml(conical/round) 0304891045 (conical) 0304891047 (round)		6x37x7ml (RIA tube) 0304850522
			6x24x5/7ml Vaccum blood collection tube 0304850525		6x28x1.5ml 0304850526
		6x1x1000ml Blood bag adaptor 0304850602		/	
	 <p>Rectangular Bucket Max Capacity: 6×1000ml Order NO: 0303850601</p>	Can be customized			