



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



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 1mir	n-99h59min ,1s-99	9min59s 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 Rar	nge	-20°C~40°C,Setp 1°C ajustable					
Temperature Accuracy		±2℃					
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 (W	xDxH)	920×1040×120	0 (mm)				
Net Weight		330kg					

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