

CVC SERIES CENTRIFUGAL VACCUM CONCENTRATORS

- 1. High-definition LCD Touch Screen,** simultaneously displaying operational parameters: speed, temperature, vacuum, and running time.
- 2. Delayed start:** after reaching a fixed speed, Start the vacuum pump to effectively prevent sample mixing.
- 3. Fully automatic vacuum control system,** vacuum setting range 0.1~1000 mbar, Control accuracy 0.1 mbar.
- 4. 1.5/2ml Rotor stacking for simultaneous use;** rotor replacement without tools.
- 5. Programmable** with temperature and pressure settings; capable of storing 36 programs
- 6. Compatible with various rotor heads;** transparent glass window for easy observation.
- 7. Magnetic drive:** maintenance-free, non-contact drive, fully sealed.
- 8. Safety in use:** inductive electric self-suction door lock ensures the centrifugal concentrator can only start when the door cover is fully closed and locked.
- 9. Freeze Drying Function:** Can be used in conjunction with freeze-drying systems



>> Vacuum Pump <<

• Different rotors can be configured according to customer requirements.



Oil pump (standard configuration)



Chemical corrosion-resistant diaphragm pump (optional)



Chemical corrosion-resistant hybrid pump (optional)

01/ Used with the IC Series Cold Trap

02/ Used with the Intact Freeze Dryer as a Cold Trap



TECHNICAL SPECIFICATIONS

Model	CVC-200	CVC-200R	CVC-400	CVC-400R
Temp. Range	Room Temperature~+80°C	-10°C~+80°C	Room Temperature~+80°C	-10°C~+80°C
Temp. Accuracy	±1°C		±1°C	
Max. Speed	2500rpm		2500rpm	
Max. Capacity	6x100ml		12x100ml	
Timer	0~99h59min		0~99h59min	
Vacuum Control Range	0.1~1000mbar		0.1~1000mbar	
Main unit withstands vacuum levels	0.01mbar		0.01mbar	
Noise	≤55dBA	≤65dBA	≤58dBA	≤68dBA
Power	0.7kw	0.9kw	0.7kw	0.9kw
Power supply	220v,50Hz		220v,50Hz	
Dimension(L×W×Hmm)	360*448*304mm	440*653*420mm	440*536*304mm	540*653*420mm

>> Rotor Type <<

• Different rotors can be configured according to customer requirements.



108*1.5/2ml



8*50ml



16*5ml+8*4ml
+8*3ml



24*15ml



16*20ml Sample vial

Rotor Type	Rotor Volume	Rotor Type	Rotor Volume
Angle Rotor	42x1.5/2ml	Angle Rotor	8x50ml
Angle Rotor	108x1.5/2ml	Angle Rotor	6x100ml
Angle Rotor	48x5ml	Angle Rotor	16*20ml Sample vial
Angle Rotor	30x10ml	Angle Rotor	16*5ml+8*4ml+8*3ml
Angle Rotor	24x15ml	Microplate Rotor	2x96 well