

Vacc-Safe

Australia's leading **vaccine** and
medical cold storage **manufacturer**.

Range Overview

CENTRIFUGE



High-Speed Mini Centrifuge (Compound rotor)

Vacc-Safe High-Speed Compound Mini Centrifuges are suitable for a wide range of applications, from serum separation from whole blood and supernatant extraction of various samples to rapid sample sedimentation, micro blood cell separation, microbial sample processing, and PCR sample partition centrifugation.



VSC-2004H



VSC-2008H



User-Friendly

- Unique rotor latch design for easy replacement.
- Fully transparent spherical top cover.
- Wide compatibility with multiple rotors and tube sets (2.0ml, 1.5ml, 0.5ml, 0.2ml tubes, PCR strips).



Performance

- Aviation-grade miniature DC brushless motor. Low noise and stable operation.
- Wide-frequency power supply (85V-245V input).



Durability & Special Features

- Maintenance-free Motor, durable & reliable.
- High-strength composite material construction.



Safety

- Flip-lid auto-stop safety system.
- High-strength, shatterproof lid.

Parameters & Rotors Portfolio

Model		VCF-2004H (Fixed Speed)				VCF-2008H (Adjustable Speed)	
Max Speed		4000rpm	5000rpm	6000rpm	7000rpm	7000rpm	12000rpm
Max RCF		1073xg	1678xg	2415xg	3280xg	3280xg	9660xg
Timer		/				1~99min, 1~99s	
Max Capacity		2.0ml x 12					
Speed Accuracy		±20 rpm				±20 rpm	
Noise		≤40 dBa				≤45 dBa	, ≤48 dBa
Power Supply		85~265VAC 50/60Hz					
Power		≤30 W				≤30 W	≤45 W
Net Weight		1.6 Kg					
Dimensions		229x192x135 mm					
Rotors	Compound Angle rotor	12x2.0/1.5/0.5/0.2ml Tube & 4x8x0.2ml PCR					
	Angle Rotor	0.5/0.2ml					
	Angle Rotor(PCR)	4*12*0.2ml					

High-Speed Refrigerated Centrifuge

Vacc-Safe High-Speed Refrigerated Centrifuge Series is suitable for a wide range of fields, from molecular biology and pharmaceutical research to clinical diagnostics, vaccine development, biochemistry, cell culture, and bioprocessing.



VSC-2012HR/2018HR



VSC-3020HR



User-Friendly

- Full-color touchscreen – simple and intuitive to use.
- Save up to 20 programs (expandable to 100) and customize acceleration/deceleration rates.
- Includes shortcuts like short-spin, timed-run and at set rpm modes.
- Change settings while it's running – no need to stop.



Durability & Special Features

- Stainless steel interior – easy to clean and corrosion-resistant.
- Rotors can be autoclaved at 121°C.
- Optional data log: export run history via USB or remote connection.
- Differential Centrifugation Technology (DCT) for one-step isolation of organelles of varying sizes.



Performance

- Brushless motor: quiet, reliable, and precise speed control.
- Fast cool: from room temperature to 4°C ≤ 5 minutes.
- Speed Accuracy: ±10rpm
- Continuously pre-cools to the set temperature while on standby.
- Fastest ramp-up/down time ≤ 15s.



Safety

- The safety lid locks automatically upon start.
- Double-layer steel ensures a sturdy chamber and prevents chemical corrosion.
- Imbalance protection: alarms and automatic shutdown in case of imbalance.
- Soft Brake Technology: Prevents sample resuspension and protects sensitive samples.
- Magnetic rotor auto-detects models (manual set for 2012H) with overspeed protection.
- Built-in drain prevents water accumulation.
- Compressor enters standby at set temperature.

Model	VSC-2012HR	VSC-2018HR	VSC-3020HR
Max.Speed	15500rpm	18800rpm	24000rpm
Max.RCF	23449xg	26870xg	40217xg
Max Capacity	5mlx12	10mlx12	750mlx4
Speed Accuracy	±10rpm		
Timer	1s~99h59min59s / Instant centrifugation		
Temp.Range	- 20°C~40°C		
Temp.accuracy	±1°C		
Noise	≤50dB	≤58dB	
Power Supply	AC220V 50Hz 10A		
Power	380W	1000W	1800W
Weight	39Kg	57Kg	114Kg
Dimensions (w*d*h, mm)	540x315x260	615x380x330	666x698x515



MODEL	ROTORS	
VSC-2012HR	Angle Rotor	1.5ml/2.2mlx24 (15500rpm 23449xg)
	Angle Rotor	5mlx12 (15000rpm 17105xg)
VSC-2018HR	Angle Rotor H0.512	0.5mlx12 (18800rpm 18967xg)
	Angle Rotor H0212	1.5ml/2.2mlx12 (18800rpm 26870xg)
	Angle Rotor H0224	1.5ml/2.2mlx24 (15800rpm 24365xg)
	Angle Rotor H0512	5mlx12 (16000rpm 19462xg)
	Angle Rotor H1012	10mlx12 (13500rpm 17645xg)
	Angle Rotor H0.136	Capillary rotor 36 tubes (12000rpm 16904xg)
	Angle Rotor H0.232	0.2mlx4x8 strip PCR tube (13500rpm 14059xg)
VSC-3020HR	H0.512	0.5mlx12 (24000rpm 30910xg)
	H0.524	0.5mlx24 (23000rpm 40217xg)
	H0212	1.5ml/2.2mlx12 (23000rpm 140217xg)
	H0224	1.5ml/2.2mlx24 (17500rpm 29890xg)
	H0236	1.5ml/2.2mlx36 (16000rpm 25473xg)
	H0248	1.5ml/2.2mlx48 (15500rpm 26672xg)
	H0512	5mlx12 (17000rpm 21971xg)
	H1012	10mlx12 (15500rpm 23261xg)
	H1508	15mlx8 (13000rpm 17572xg)
	H0524	5mlx24 (15000rpm 21130xg)
	H1024	10mlx24 (12500rpm 16770xg)
	H3006	30mlx6 (15000rpm 22640xg)
	H5006	50mlx6 (13000rpm 18762xg)
	H5008	50mlx8 (12000rpm 16904xg)
	H1004	100mlx4 (12000rpm 16904xg)
	H1006	100mlx6 (12000rpm 16904xg)
	H0.548	0.5mlx48
	H0.232	0.2mlx4x8 strip PCR tube (14500rpm 16219xg)
	Swing Bucket Rotor (chose 3 free adaptors)	750mlx4 (4200rpm 3727xg)
	Adapter 1	500mlx4
	Adapter(Customized) 2	250ml(Corning Tube)x4
	Adapter 3	250mlx4
	Adapter 4	100mlx12
	Adapter 5	50ml(Conical)x20
	Adapter 6	15mL/20ml(Conical)x56
	Adapter 7	10ML(Vacuum Tube)x76
	Adapter 8	3ml/5ml/7ml(Vacuum Blood Collection Tube)x96
	Adapter 9	5mlx148(RIA Tube)
	Decapping Swing Bucket Rotor (chose 3 free adaptors)	3ml/5ml(Vacuum Blood Collection Tube)x96 (4200rpm 3727xg)
	Decapping Adapter 1	3ml/5ml(Vacuum Blood Collection Tube)x96
	Adapter 2	100mlx12
	Adapter 3	50ml(Conical)x20
	Adapter 4	15mL/20ml(Conical)x56
	Anti-pollution Swing Bucket Rotor	750mlx4 (4200rpm 3727xg)
	Microplate Rotor 【DWP/MTP】	96 wellx2 /96 wellx2 x2 (5000rpm 4081xg)
	Microplate Rotor 【DWP/MTP】	96 well x4/96 wellx4x2 (4000rpm 3667xg)