



HSCEN-25K, High Speed Vacuum Centrifuge

High speed and user friendly centrifuge with refrigeration & vacuum system in volume of 4,000ml.

Features:

- One chip microprocessor control
- Easy control of operation
- Well engineered design of motor assures sound quality
- Environmental refrigerating system of CFC-free
- Automatic RPM/RCF calculating system
- Feed-back vacuum control system
- High vacuum system and especially flexible driving system of ultra high speed
- Vacuum pressure is precisely measured by digital gauge
- New Carbon Fiber Rotor
- HFC R404A with the ODP = 0.0, which contains no chlorine to destroy the ozone layer, is used to reduce environmental impact



Nalgene Tube Sealing Cap
10ml,50ml
500ml,1000ml



Vacuum Pump
 6.7×10^{-2} Torr
60ℓ/min

Model	HSCEN-25K
RPM	25,000 rpm
RCF	68,478 xg
Max. capacity	1000ml x 4
Time	99hrs 59min 59sec
Display	RPM, RCF, Time, Temperature, Program, Temp. Limit, Accel/Decel, Rotor Number, Rotor Radius, Self Test, ω 2dt
Accel/Decel	10 step
Temperature	-10°C ~ 40°C
Motor	AC Induction Motor
Power supply	220V, 60Hz, single phase, 3.9KW
Dimension	710W x 1000D x 1260H/mm
Weight	330Kg

Contamination Prevention System

Easy cleaning and preventing contamination during use of machine

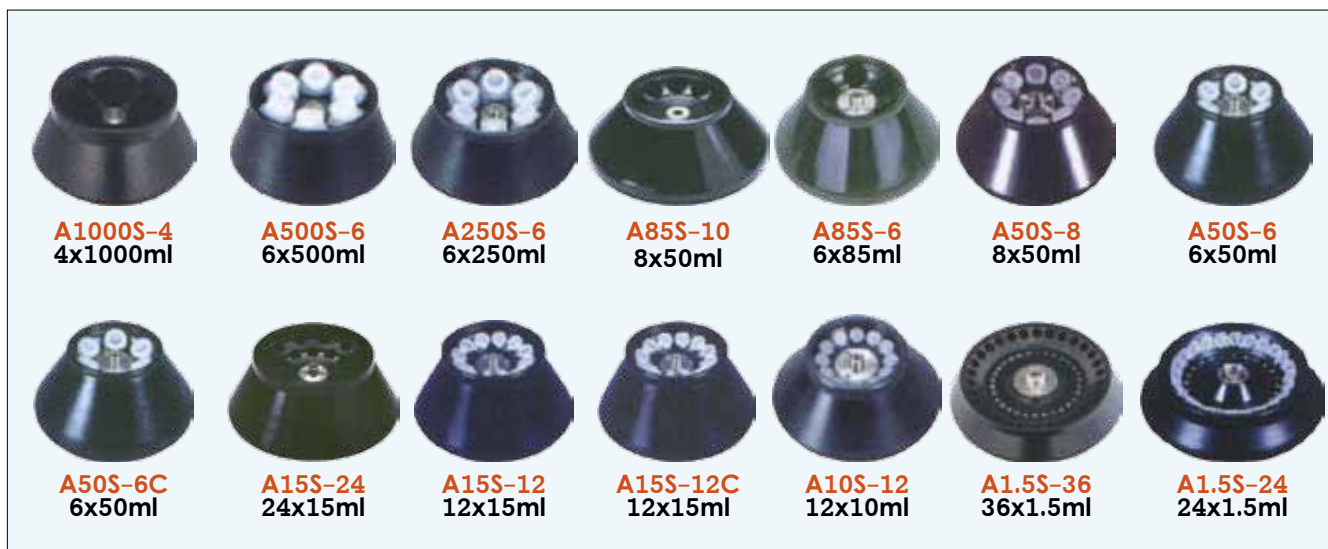
Various rotors available

Various rotors and tubes in need usable (1.5ml- 1000ml)

Temp, Limit System
















Accurate temperature control by temperature recognition function.

Angle Rotors (more details page 134-136)









CENTRIFUGES Rotors for High Speed 17R, 22K, 25K, 30K



Angle Rotors (High Speed Centrifuge)




 <p>A1.5S-36</p> <p>Type: Angle Rotor <45°C Max. RPM: 20,000rpm Max. RCF: 52,546 xg Radius: 115.7mm</p>	Tube Capacity (ml)	0.2ml	0.5ml	1.5ml	2.0ml	<p>HSCEN-17R Max. RPM: 15,000 Max. RCF: 29,104 xg HSCEN-22K Max. RPM: 18,000 Max. RCF: 41,910 xg HSCEN-25K Max. RPM: 20,000 Max. RCF: 51,741 xg HSCEN-30K Max. RPM: 20,000 Max. RCF: 51,741 xg</p>
	Dimensions Ø x L mm	6x18	8x30	11x38	11x38	
	Tube Type					
	Adapter					
	Tube per Rotor	36				
	Max. RCF	42,573	46,643	52,546		
	radius (mm)	95.2	104.3	115.7		
	boring Ø x L mm	6x21	8x37	11x37.5		
 <p>A10S-12</p> <p>Type: Angle Rotor <36°C Max. RPM: 30,000rpm Max. RCF: 85,628 xg Radius: 85.1mm</p>	Tube Capacity (ml)	10ml				<p>HSCEN-17R Max. RPM: 17,000 Max. RCF: 27,496 xg HSCEN-22K Max. RPM: 22,000 Max. RCF: 46,049 xg HSCEN-25K Max. RPM: 25,000 Max. RCF: 59,464 xg HSCEN-30K Max. RPM: 30,000 Max. RCF: 85,628 xg</p>
	Dimensions Ø x L mm	16x82				
	Tube Type					
	Tube per Rotor	12				
	Max. RCF	85,628				
	radius (mm)	85.1				
	boring Ø x Lmm	16.3x74.5				
 <p>A15S-12C</p> <p>Type: Angle Rotor <25°C Max. RPM: 17,000rpm Max. RCF: 32,116 xg Radius: 99.4mm</p>	Tube Capacity (ml)	15ml				<p>HSCEN-17R Max. RPM: 15,000 Max. RCF: 25,004 xg HSCEN-22K Max. RPM: 17,000 Max. RCF: 32,116 xg HSCEN-25K Max. RPM: 17,000 Max. RCF: 32,116 xg HSCEN-30K Max. RPM: 17,000 Max. RCF: 32,116 xg</p>
	Dimensions Ø x L mm	17x120				
	Tube Type					
	Tube per Rotor	12				
	Max. RCF	32,116				
	radius (mm)	99.4				
	boring Ø x L mm	17x115				
 <p>A15S-12</p> <p>Type: Angle Rotor <25°C Max. RPM: 30,000rpm Max. RCF: 96,696 xg Radius: 96.1mm</p>	Tube Capacity (ml)	15(16)ml				<p>HSCEN-17R Max. RPM: 17,000 Max. RCF: 31,050 xg HSCEN-22K Max. RPM: 22,000 Max. RCF: 52,001xg HSCEN-25K Max. RPM: 25,000 Max. RCF: 67,150 xg HSCEN-30K Max. RPM: 30,000 Max. RCF: 96,696 xg</p>
	Dimensions Ø x L mm	18x100				
	Tube Type					
	Tube per Rotor	12				
	Max. RCF	96,696				
	radius (mm)	96.1				
	boring Ø x Lmm	19x96				
 <p>A50S-6C</p> <p>Type: Angle Rotor <40°C Max. RPM: 17,000rpm Max. RCF: 29,402 xg Radius: 91mm</p>	Tube Capacity (ml)	50ml				<p>HSCEN-17R Max. RPM: 15,000 Max. RCF: 22,891 xg HSCEN-22K Max. RPM: 17,000 Max. RCF: 29,402 xg HSCEN-25K Max. RPM: 17,000 Max. RCF: 29,402 xg HSCEN-30K Max. RPM: 17,000 Max. RCF: 29,402 xg</p>
	Dimensions Ø x L mm	29x115				
	Tube Type					
	Tube per Rotor	6				
	Max. RCF	29,402				
	radius (mm)	91.0				
	boring Ø x Lmm	29.5x108.6				







 <p>A50S-6</p> <p>Type: Angle Rotor <30°C Max. RPM: 30,000rpm Max. RCF: 96,696 xg Radius: 96.1mm</p>	Tube Capacity (ml)	15(16)ml	50ml	50ml		<p>HSCEN-17R Max. RPM: 17,000 Max. RCF: 31,050 xg HSCEN-22K Max. RPM: 22,000 Max. RCF: 52,001 xg HSCEN-25K Max. RPM: 25,000 Max. RCF: 67,150 xg HSCEN-30K Max. RPM: 30,000 Max. RCF: 96,696 xg</p>
	Dimensions Ø x L mm	18x100	8x30	11x38		
	Tube Type					
	Adapter					
	Tube per Rotor	6				
	Max. RCF	90,558	96,696			
	radius (mm)	90.0	96			
	boring Ø x L mm	18.5x92	29x100			

 <p>A50S-8</p> <p>Type: Angle Rotor <36°C Max. RPM: 30,000rpm Max. RCF: 99,513 xg Radius: 98.9mm</p>	Tube Capacity (ml)	15(16)ml	50ml	50ml		<p>HSCEN-17R Max. RPM: 15,000 Max. RCF: 24,878 xg HSCEN-22K Max. RPM: 22,000 Max. RCF: 53,516 xg HSCEN-25K Max. RPM: 25,000 Max. RCF: 67,106 xg HSCEN-30K Max. RPM: 30,000 Max. RCF: 99,513 xg</p>
	Dimensions Ø x L mm	18x100	28.7x104	28.8x107		
	Tube Type					
	Adapter					
	Tube per Rotor	8				
	Max. RCF	93,375	99,513			
	radius (mm)	92.8	98.9			
	boring Ø x L mm	18.5x92	29x100			

 <p>A85S-6</p> <p>Type: Angle Rotor <25°C Max. RPM: 25,000rpm Max. RCF: 64,425 xg Radius: 92.2mm</p>	Tube Capacity (ml)	85ml				<p>HSCEN-17R Max. RPM: 15,000 Max. RCF: 23,193 xg HSCEN-22K Max. RPM: 20,000 Max. RCF: 41,232 xg HSCEN-25K Max. RPM: 25,000 Max. RCF: 64,425 xg HSCEN-30K Max. RPM: 25,000 Max. RCF: 64,425 xg</p>
	Dimensions Ø x L mm	38.2x105.7				
	Tube Type					
	Adapter					
	Tube per Rotor	6				
	Max. RCF	64,425				
	radius (mm)	92.2				
	boring Ø x L mm	38.5x90				

 <p>A250S-6</p> <p>Type: Angle Rotor <25°C Max. RPM: 14,000rpm Max. RCF: 30,305 xg Radius: 138.3mm</p>	Tube Capacity (ml)	250ml	250ml			<p>HSCEN-22K Max. RPM: 12,000 Max. RCF: 22,265 xg HSCEN-25K Max. RPM: 14,000 Max. RCF: 30,305 xg HSCEN-30K Max. RPM: 14,000 Max. RCF: 30,305 xg</p>
	Dimensions Ø x L mm	61.8x127.7	61.8x134			
	Tube Type					
	Adapter					
	Tube per Rotor	6				
	Max. RCF	30,305				
	radius (mm)	138.3				
	boring Ø x L mm	62x103				

 <p>A500S-6</p> <p>Type: Angle Rotor <25°C Max. RPM: 10,000rpm Max. RCF: 17,743 xg Radius: 158.7mm</p>	Tube Capacity (ml)	500ml				<p>HSCEN-22K Max. RPM: 9,000 Max. RCF: 14,372 xg HSCEN-25K Max. RPM: 10,000 Max. RCF: 17,743 xg HSCEN-30K Max. RPM: 10,000 Max. RCF: 17,743 xg</p>
	Dimensions Ø x L mm	69.5x170				
	Tube Type					
	Adapter					
	Tube per Rotor	6				
	Max. RCF	17,743				
	radius (mm)	158.7				
	boring Ø x L mm	70x141				

 <p>A1000S-4</p> <p>Type: Angle Rotor <25°C Max. RPM: 8,000rpm Max. RCF: 12,157 xg Radius: 169.9mm</p>	Tube Capacity (ml)	1000ml				<p>HSCEN-22K Max. RPM: 8,000 Max. RCF: 12,157 xg HSCEN-25K Max. RPM: 8,000 Max. RCF: 12,157 xg HSCEN-30K Max. RPM: 8,000 Max. RCF: 12,157 xg</p>
	Dimensions Ø x L mm	96x176				
	Tube Type					
	Adapter					
	Tube per Rotor	4				
	Max. RCF	12,157				
	radius (mm)	169.9				
	boring Ø x L mm	97x144				