



## CLT55R/CLT55 NEW Large Capacity Low Speed Refrigerated /Non-refrigerated Centrifuge

CLT55R/CLT55 can be matched with a variety of test tubes/bottles and micro plate, which greatly improves the universality of the experiment. Various aerosol-tight bucket ensures centrifugal safety. The airflow guiding design maintains the centrifuge chamber temperature in low level for protection of temperature sensitive samples. The buckets and adapters can be autoclaved. It is an ideal product for clinical medicine, molecular biology, cell culture and other industries.


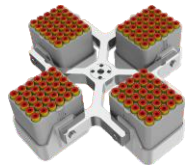


### Product advantages

- ◆ Equipped with 7-inch full touch screen (can be directly operated with gloves), simple interface and all parameters at a glance.
- ◆ Touch interface for super-fast parameter setting compared with the traditional push-button operation.
- ◆ RCF and Speed can be automatically switched for touch the key.
- ◆ Two time setting ranges for optional: 1s-99min 59s and 1min to 99h59min
- ◆ Three Timing modes for optional: start timing, speed timing and continuous timing.
- ◆ Each program can be divided into 5 steps, and different rpm and time setting for each step.
- ◆ Save up to 100 user-defined programs.
- ◆ 11 acceleration and 12 deceleration stages. And free parking time can be set.
- ◆ According to the time interval of the experiment, the sleep time of the instrument can be set (the default value is 15 minutes), which can ensure the good refrigeration effect as well as save energy and increase the service life of the instrument.
- ◆ CLT55R: Pre-cooling function available. pre-cooling parameters can be customized according to different rotors. And it can be scheduled in advance, so the experiment can be carried out once entering the laboratory to save time.
- ◆ CLT55R refrigerated centrifuge adopts VF compressor with PID dynamic intelligent temperature control technology (Patent NO: ZL201922274761.7) and dual channel refrigeration system (Patent NO: ZL201922269242.1), for optimized cooling performance.
- ◆ The running records and diagnostic records are saved automatically, user can effectively check the operation of the instrument and the separation of each batch of samples.
- ◆ AC frequency conversion motor is maintenance free and no carbon pollution with long service life and accurate speed accuracy (less than 10rpm).
- ◆ Max Capacity 4x750ml, which can be equipped with the aerosol-tight bucket to ensure the safety of centrifugation and no pollution.
- ◆ 0.5ml-750ml adapter available. Capable of offering superior capacity of up to 36 x 50mL conical tubes, 88x15ml conical tubes, 168x7ml vacuum blood collection tubes, which is an ideal choice for clinical examination and laboratory analysis.



















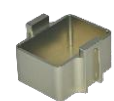
## Technical parameter

Model	CLT55R	CLT55
Order NO	0204260029	0205255026
Max Speed	5500r/min	5500r/min
Max RCF	4904xg	4904xg
Max Capacity	4x750ml	4x750ml
Speed Accuracy	±10r/min	±10r/min
Time Setting Range	1s~99min59s、1min~99h59min	1s~99min59s、1min~99h59min
Timing mode	start timing , speed timing and continuous timing.	start timing , speed timing and continuous timing.
Temperature Setting Range	-20~40°C	/
Temperature Accuracy	±0.5°C	/
Pre-cooling function	yes	/
Compressor Unit	High performance compressor unit , Environment-friendly refrigerant (134a)	/
Noise	≤ 65dB (A)	≤ 65dB (A)
Short Spinning	yes	yes
Rotor Identification	yes	yes
Power Supply	AC 220±22V 50/60Hz	AC 220±22V 50/60Hz
Power Consumption	1.6kW	900W
Dimension	713×681×398(mm)	510×635×398(mm)
Packing Dimension	860×810×620(mm)	660×770×450(mm)
Net Weight	95kg	76kg

## Rotor parameters

<p><b>No:1</b></p>  <p>Rotor Type: Angle Rotor Max Capacity: 40x15ml Max Speed: 5500r/min Max RCF: 4904xg Order NO: 0301891144</p>	<p>can be customized</p>	
<p><b>No:4</b></p>  <p>Rotor Type: Swing Rotor (Automatic de-capping ) Max Speed: 4000r/min Max RCF: 3370xg Max Capacity: 120pcs(13×75/100mm) Order NO: 0302891036</p>	 <p>Brackets Order NO: 0303891059</p>	 <p>Adapter Specification: 13×75/100mm tube Order NO: 0304854020</p>

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO	
<p>No:2</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3345xg Max Capacity: 4×500ml Order NO: 0302850110 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891022</p>		4x1x250ml 0304891142		4x2x100ml 0304891009	
			4x4x50ml (conical/round) 0304891008		4x7x20ml 0304851485	
			4x9x15ml (conical/round) 0304891083		4x11x15ml (conical) (Cap≤21.5mm) 0304891508	
			4x14x10ml 0304891705		4x19x5/7mlVaccum blood collection tube 0304851450	
			4x36x1.5ml 0304891677		/	
	 <p>Rectangular Bucket Order NO: 0303851421</p>		4x1x250ml 0304891041		4x3x100ml 0304891744	
			4x6x50ml (conical/round) 0304891014		4x12x15ml (conical/round) 0304891582 (conical) 0304891779 (round)	
			4x20x10ml 0304891077		4x31x5/7mlVaccum blood collection tube 0304891782	
			4x56x1.5ml 0304891603		/	
		can be customized				
	 <p>Rectangular bucket with sealing cover Order NO: 0303891016</p>					

Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO
<p>No:3</p>  <p>Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3500xg Max Capacity: 4×750ml Order NO: 0302891036 (Bucket not included)</p>	 <p>Round Bucket Order NO: 0303891025</p>		4x1x500ml (conical/flat) 0304891035 (conical) 0304891036 (flat)		4x1x250ml (conical/flat) 0304891562 (conical) 0304891039 (flat)
			4x4x100ml 0304891006		4x5x50ml (Self-standing tube) 0304891024
			4x7x50ml (conical/round) 0304891003 (conical) 0304891004 (round)		4x10x20ml 0304891163
			4x15x15ml (conical) 0304891005		4x19x10ml (Self-standing tube) 0304891732
			4x21x10ml 0304891730		4x27x5/7mlVaccum blood collection tube 0304891728
			4x37x5ml (RIA tube) 0304891166		4x56x1.5ml 0304891025
	 <p>Rectangular Bucket Order NO: 0303891002</p>		4x9x50ml (conical/round) 0304891015 (conical) 0304891016 (round)		4x19x15ml (conical/round) 0304891012 (conical) 0304891704 (round)
			4x30x10ml 0304891709		4x38x5/7mlVaccum blood collection tube 0304891017
	 <p>Microplate bucket Order NO: 0303891147</p>	<p>4x2x96Deep-well plate      4x4x96Microplate Plate height in total≤67mm</p>			