



ESCH-T210R

Benchtop High Speed
Refrigerated Centrifuge

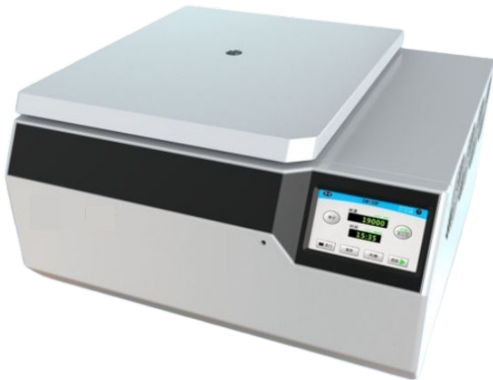


LABORATORY



ESCH-T210R

Benchtop High Speed Refrigerated Centrifuge



The benchtop high speed refrigerated centrifuge ESCH-T210R adopts the latest VF compressor with PID dynamic intelligent temperature control technology and dual channel frequency conversion refrigeration system .

It's top level in the world, meet customers' high-precision temperature control experiments

and protect temperature sensitive samples .
It is the first choice for molecular biology, protein, DNA, RNA, cell separation and clinical medicine.

- 7-inch HD touch screen, Setting parameters and running parameters at a glance.
- Input the value directly by touch screen for parameter setting , which is fast and convenient.
- According to the time interval of the experiment, the sleep time of the instrument can be set (user-defined), which can ensure the good refrigeration effect as well as save energy and increase the service life of the instrument.
- 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.
- 100 user-defined program groups can be set and named easily. which is more convenient to call and distinguish different experiments in use, so as to realize the repeatability of the experiment.
- Up to 5 groups of programs can be selected to realize step centrifugation, so that the experiment can be carried out in multiple steps at one time.
- 11 Acceleration and 12 Deceleration rates, to achieve best centrifugal effect.
- 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 variable frequency motor, no carbon pollution, maintenance free, long service life and accurate speed control accuracy (less than 10r / min).

TECHNICAL SPECIFICATIONS

Rotor Type	Angle Rotor	Swing Rotor
Max Speed	21000r/min	4200r/min
Max RCF	32752xg	3860xg
Max Capacity	6x100ml	4x750ml
Time Setting Range	1min~99h59min	1s~99min59s
Temperature Setting Range	-20°C~40°C	
Temperature Accuracy	±2°C	
Speed Accuracy	±10r/min	
Power Supply	AC 110V / 220V	
Power Consumption	1.6kW	
Noise	≤65dB(A)	
Dimension(WxDxH)	59x74x85cm	
Package Dimension(WxDxH)	75x88x120cm	
Net Weight	180kg	

OPTIONAL ACCESSORIES

0301805020 Rotor N°1


Rotor Type: Angle rotor
 Max Capacity: 12x1.5/2.2ml
 Max Speed: 21000r/min
 Max RCF: 30642xg
 Adapter: 0.2ml, 0.5ml

0301891142 Rotor N°2


Rotor Type: Angle rotor
 Max Capacity: 12x15ml (conical)
 Max Speed: 14000r/min
 Max RCF: 21913xg
 Adapter: 5ml (conical)

Rotor N°3


0301805310
 Rotor Type: Angle rotor
 Max Capacity: 12x10ml
 Max Speed: 15000r/min
 Max RCF: 23120xg
 Adapter: 1.5ml 5ml



0301891095
 Rotor Type: Angle rotor
 Max Capacity: 6x30ml
 Max Speed: 15000r/min
 Max RCF: 23120xg
 Adapter: 5ml 10ml

0301805420 Rotor N°4


Rotor Type: Angle rotor
 Max Capacity: 6x50ml
 Max Speed: 13500r/min
 Max RCF: 19354xg
 Adapter: 1.5ml, 5ml, 10 ml, 15ml, 20ml, 25ml, 30ml

0301805930 Rotor N°5


Rotor Type: Angle rotor
 Max Capacity: 6x50ml (conical)
 50ml round bottom adapter as gift
 Max Speed: 13000r/min
 Max RCF: 17947xg
 Adapter: 15ml (conical)

0301891235 Rotor N°6


Rotor Type: Angle rotor
 Max Capacity: 12x5ml
 Max Speed: 16500r/min
 Max RCF: 19166xg
 Adapter: 0,5ml 1,5ml

0301812510 Rotor N°7


Rotor Type: Angle rotor
 Max Capacity: 30x1.5/2.2ml
 Max Speed: 16000r/min
 Max RCF: 28918xg
 Adapter: 0.2ml, 0.5ml

0301812830 Rotor N°8


Rotor Type: Angle rotor
 Max Capacity: 48x1.5/2.2ml
 Max Speed: 15000r/min
 Max RCF: 24663xg
 Adapter: 0.2ml. 0.5ml

0301891099 Rotor N°9


Rotor Type: Angle rotor
 Max Capacity: 6x100ml
 Max Speed: 10000r/min
 Max RCF: 11960xg
 Adapter: 5ml, 10ml, 25ml, 15 ml 50ml (round/conical)

0301891236 Rotor N°10


Rotor Type: Angle rotor
 Max Capacity: 24x1.5/2.2ml
 Max Speed: 18500 r/min
 Max RCF: 32752xg
 Adapter: 0,2ml 0,5ml

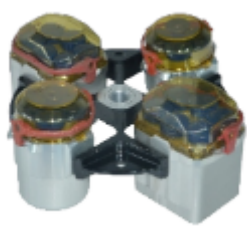



















0301891237 Rotor N°11






















Rotor Type: Angle Rotor
 Max Capacity: 8x50ml (conical)
 Max Speed: 11000r/min
 Max RCF: 14100xg
 Adapter: 1,5 ml, 5ml, 10ml, 15 ml, 20 ml, 25ml, 30ml

0301891253 Rotor N°14


Rotor Type: Angle rotor
 Max Capacity: 8x50ml
 Max Speed: 12000r/min
 Max RCF: 15615xg
 Adapter: 1,5 ml, 5ml, 10ml, 15 ml, 20 ml, 25ml, 30ml



Rotor N°12						
Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO	
 <p>0302850110 Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3345xg Max Capacity: 4x500ml</p>	 0303891022 Round bucket		4x1x250ml 0304891142		4x2x100ml 0304891009	
			4x4x50ml (conical/round) 0304891008		4x7x20ml 0304851485	
			4x9x15ml (conical/round) 0304891083		4x11x15ml (conical) 0304891508	
			4x14x10ml 0304891705		4x19x5/7ml Vacuum blood collection tube 0304851450	
			4x36x1,5ml 0304891677			
	 0303851421 Rectangular bucket		4x1x250ml 0304891041		4x3x100ml 0304891744	
			4x6x50ml (conical/round) 0304891014		4x12x15ml 0304891582 (conical) 0304891779 (round)	
			4x20x10ml 0304891077		4x31x5/7ml Vacuum blood collection tube 0304891782	
		 0303851421 Rectangular bucket with sealing cover		4x56x1,5ml 0304891603		

Rotor N°13						
Rotor	Bucket	Adaptor	Capacity/Order NO	Adaptor	Capacity/Order NO	
 <p>0302891036 Rotor Type: Swing Rotor Max Speed: 4000r/min Max RCF: 3500xg Max Capacity: 4x750ml (Bucket not included)</p>	 0303891025 Round bucket		4x1x500ml 0304891035 (conical) 0304891036 (flat)		4x1x250ml 0304891562 (conical) 0304891039 (flat)	
			4x4x100ml 0304891006		4x5x50ml (self standing tube) 0304891024	
			4x7x50ml 0304891003 (conical) 0304891003 (flat)		4x10x20ml 0304891163	
			4x15x15ml (conical) 0304891005		4x19x10ml (self standing tube) 0304891732	
			4x21x10ml 0304891730		4x27x5/7ml Vacuum blood collection tube 0304891728	
			4x37x5ml (RIA tube) 0304891166		4x56x1,5ml 0304891025	
	 0303891022 Rectangular bucket		4x9x50ml 0304891015 (conical) 0304891016 (round)		4x19x15ml 0304891012 (conical) 0304891704 (round)	
			4x30x10ml 0304891709		4x38x5/7ml Vacuum blood collection tube 0304891017	
	 0303891147 Microplate bucket	4x2x96ml Deep-well plate 4x4x96ml Microplate Plate height in total 4x30x10ml ≤ 67 mm				



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail: danielec@esse3-medical.com
web: www.esse3-medical.com

