



**REFRIGERATED BENCH
TOP CENTRIFUGE**

ESCL-535R



TABLETOP LARGE CAPACITY REFRIGERATED CENTRIFUGE

- ◆ Microprocessor control. Displays speed, temperature and time on LED or LCD screen (by user's choice).
- ◆ The AC frequency-conversion motor has high start torque and short acceleration/deceleration time..
- ◆ The protective functions of electronic door interlock, overspeed and overtemperature for safe operation; Have 3 tiers protective sleeves for the safety of people and instrument.
- ◆ Many kinds of rotors are available for convenient use
- ◆ Non-CFC refrigeration system (France Tecumseh Compressor Unit) for the purpose of environment protection
- ◆ Widely used in field of radioimmunity, biochemistry, biopharmacy, blood separation and purification

MODEL	ESCL-535R
MAX SPEED	5500 RPM
MAX RCF	5050XG
CONTROL	MICROPROCESSOR CONTROLLED
MAX CAPACITY	4X750 ML
SPEED CONTROL ACCURACY	± 30 RPM
THE SHORTEST ACC/DEC TIME	100R/MIN-5000R/MIN<45S / 5000R/MIN-100R/MIN<50S
TIME SETTING RATE	1S-99MIN 59S OR CONTINUOUS OR HOLD
TEMPERATURE SETTING RANGE	-20°C~40°C
TEMPERATURE CONTROL ACCURACY	±1.5°C
REFRIGERATION SYSTEM	NON-FREON REFRIGERATION SYSTEM
BRUSHLESS MOTOR	AC FREQUENCY CONVERSION
NOISE LEVEL	< 65 DB (A)
POWER SUPPLY	220V 50/60 HZ
DIMENSIONS	800×680×450H MM
WEIGHT	95 KG



**Wide range of
available rotors**

ROTOR	MAX SPEED	MAX RCF	CAPACITY	TUBE SIZE	TUBE TYPE
N° 1 ANGLE	5350	5030	6x50 ml	φ29×105	PP
N° 2 swing	4000	3040	4x500 ml	500 ml bottle	PP
adapter			4x250 ml	φ62×124	PP
adapter			4x3x50 ml	φ30×100~130	PP (conical or round bottom)
adapter			4x7×20ml	φ20×100~115	PP
adapter			4x9×15ml	φ17×105	PP(conical or round bottom)
adapter			4x19×5ml	φ14×100	Vacuum blood collection tube
Round Bucket			4x37×5m	φ13×70	G radio-immunity tube
			4x24×7m	φ13×70~100	Vacuum blood collection tube
Rectangular bucket Rectangular			4x4×50ml	φ30×100~130	PP (conical or round bottom)
			4x10×15ml	φ17×105	PP (conical or round bottom)
			4x20×10ml	φ14×100	Vacuum blood collection tube
			4x28×5ml	φ14×80~100	Vacuum blood collection tube
4x25×1.5m				Eppendorf tube	
bucket for microplate			4x2×96well		96 well Microplate
N° 3 swing microplate			4000	2200	2x2×96 well
N° 4 swing	4000	3500	4x750ml	φ98×130	750ml centrifugal bottle
adapter			4x2×100ml	φ42×100	PP Round bottom
adapter			4x4×50ml	φ30×100~120	PP conical or round bottom
adapter			4x10×20ml	φ20×100~115	PP
adapter			4x14×15m	φ17×120	PP conical bottom
adapter			4x19×15ml	φ17×100~120	PP Round bottle (without screw cap)
adapter			4x24×7ml	φ13×70~100	Vacuum blood collection tube
adapter			4x37×5ml	φ13×70	G RIA-tubes
N° 5 swing	4200	3500	6x250ml	φ62×124	PP Flat bottom
adapter			6x10×5ml	φ13×100	Vacuum blood collection tube
adapter			6x7×10ml	φ15×100	G
adapter			6x6×15ml	φ17×105	G/PP round bottom
adapter			6x4×15ml	φ17×120	conical bottom with scale
adapter			6x50ml	φ30×100~120	PP Round or conical bottom



BENCH TOP CENTRIFUGE

ESCL-530

LOW SPEED CENTRIFUGE

MAX SPEED	5500 rpm
MAX RCF	5010xg
MAX CAPACITY	4x250 ml
SPEED CONTROL ACCURACY	± 30 rpm
TIME SETTING RATE	0 to 99min59sec
ACC/DEC RATE TIMES	30/28 sec
BRUSHLESS MOTOR	AC FREQUENCY CONVERSION
NOISE LEVEL	< 65 dB (A)
POWER SUPPLY	220V 50/60 Hz
DIMENSIONS	470x560x380H mm
WEIGHT	40 Kg

ROTOR	MAX SPEED	MAX RCF	CAPACITY	TUBE SIZE	TUBE TYPE	
N° 1 swing	5300	5010	4x50 ml	φ35×101~130	G	
				φ30×100-120	PP (round/conical bottom)	
	5300	5010	4x100 ml	φ37×124	PP	
N° 2 swing	1	4200	3100	8x50 ml	φ30×100-120	PP (round/conical bottom)
	2	4200	3100	8x100 ml	φ37×124	PP
	3	4200	3100	32x15 ml	φ17×100-120	G/PP/urine sediment tube
				10/5 ml adapter	15×100/φ13×100)	Vacuum blood collection tube/G
	4	4200	3100	4x(12x7/10 ml)	φ13×70~100	Vacuum blood collection tube/G
	5	4200	3100	72x5 ml	φ13×70-100	Vacuum blood collection tube
6	4200	3100	64x5 ml	φ13×70-100	G RIA-tubes	
N° 3 MICROPLATE	4000	2200	2×(2×96 well)		PP	
N° 4 swing	4200	3550	4x250 ml	φ62×124	250ml flat bottom bottle	
			4x(10x7 ml)	φ13-14×100	Vacuum blood collection tube/G	
			4x(7x10 ml)	φ15×100	G	



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