

TABLETOP REFRIGERATED CENTRIFUGE CEN18-06R



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CEN18-06R

These centrifuges are widely used in the fields of biochemistry, pharmacy, clinical medicine and other research fields for variety of separation needs. The programmable microprocessor centrifuge allows modification of the parameter during operation. In addition, accommodates various type of tubes or plates and size of the sample.

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge, Laboratory Tabletop Centrifuge.

CEN18-06R TABLETOP REFRIGERATED CENTRIFUGE

Inner chamber material: Stainless Steel

Microprocessor controller

LCD display

Electronic door interlock

Brushless DC motor

Stable performance

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

Faults are diagnosed automatically

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)

Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling

Operating parameters can be modified during the operation

RCF can be set up directly, without RPM to RCF translation



SPECIFICATIONS

Model	CEN18-06R
Maximum Capacity (No of tubes x Vol.)	4x250 ml
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed RPM	5120
Speed Accuracy	± 10 rpm
Maximum RCF	6000xg
Timer Range	1~99 h 59 min, pulse
Temperature Increment	1°C
Acceleration Rate	40
Deceleration Rate	40
Drive System	Direct, induction motor drive
Overall Dimension	640x560x390 mm
Program	12 user-defined (more up to 40 available if needed)
Noise Level	≤ 60 dB(A)

Weight (Net/Gross)	80 kg
Power	1200 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	Capacity
LS52191	Swing-out Rotor	2x96 well microplates or 2x2 cell culture plates or 2x1 deep well plates	4000	1970 _{xg}	
LS52256	Swing-out Rotor – Adapter	12x50 ml			
LS52438	Swing-out Rotor	Blood collection tube	4000	3100 _{xg}	64x2-7 ml
LS52684	Fixed-Angle Rotor	can spin 2-10 ml blood collection tube by using adapters	6000	5120 _{xg}	12x15 ml
LS52697	Fixed-Angle Rotor	6x1000 ml	7000	11900 _{xg}	
LS53711	Swing-out Rotor	4x100 ml	5000	4650 _{xg}	
LS53723	Swing-out Rotor	4x50 ml	5000	4650 _{xg}	
LS53735	Swing-out Rotor	8x50 ml	4000	2980 _{xg}	
LS53747	Swing-out Rotor	8x100 ml	4000	2980 _{xg}	
LS53759	Swing-out Rotor – Adapter	Radioimmunity tube			148x5 ml
LS53771	Swing-out Rotor	can spin 2-10 ml blood collection tube by use adapters	4000	2980 _{xg}	24x15 ml
LS53783	Swing-out Rotor – Adapter	Falcon conical bottle			4x175/225 ml
LS53795	Swing-out Rotor	can spin 2-10 ml blood collection tube by using adapters	4000	2980 _{xg}	32x15 ml
LS53807	Swing-out Bucket Rotor	6x2x1000 ml	4000	5600 _{xg}	
LS53819	Swing-out Rotor – Adapter	24x10 ml	4000	2980 _{xg}	
LS53831	Swing-out Rotor – Adapter	32x10 ml	4000	2980 _{xg}	
LS53843	Fixed-Angle Rotor	with adapters for 0.2/0.5ml tube	12500	14000 _{xg}	36x1.5/2.0 ml
LS53855	Fixed-Angle Rotor	Round Bottom	12000	15970 _{xg}	6x50 ml
LS53867	Fixed-Angle Rotor	with adapters for 0.2/0.5ml tube	12000	15970 _{xg}	48x1.5/2.0 ml
LS53879	Fixed-Angle Rotor	Round Bottom	10000	10640 _{xg}	8x50 ml
LS53891	Fixed-Angle Rotor	12x15 ml	10000	10640 _{xg}	
LS53903	Fixed-Angle Rotor	6x30 ml	12000	13200 _{xg}	
LS53915	Fixed-Angle Rotor	24x10 ml	8000	7600 _{xg}	
LS53927	Swing-out Bucket Rotor	2x2 microplates (48 wells)	4000	1500 _{xg}	
LS54419	Swing-out Rotor – Adapter	6x100 ml			
LS54479	Swing-out Rotor – Adapter	4x250 ml Corning conical bottle or 4x200 ml Nunc™ bottle or 4x175 ml Nalgene™ conical bottle			
LS54671	Fixed-Angle Rotor	can spin 2-10 ml blood collection tube by use adapters	6000	5120 _{xg}	12x15 ml
LS54683	Swing-out Rotor	Blood collection tube	4000	3100 _{xg}	48x2-7 ml
LS54851	Swing-out Rotor – Adapter				4xCorning T-75 cm ² Canted-Neck Cell Culture Flasks
LS54863	Swing-out Rotor – Adapter				8xCorning T-25 cm ² Canted-Neck Cell Culture Flasks
LS54875	Swing-out Bucket Rotor	Corning conical bottle			4x500 ml
LS54887	Swing-out Rotor – Adapter				6x250 ml

LS54899	Swing-out Rotor – Adapter	Blood collection tube			60x2-7ml
LS54911	Swing-out Rotor – Adapter				42x10 ml
LS54923	Swing-out Rotor – Adapter				24x15 ml
LS55031	Swing-out Rotor – Adapter				6x50 ml



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