

TABLETOP REFRIGERATED CENTRIFUGE CEN19-05R



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CEN19-05R

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.

CEN19-05R 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	CEN19-05R
Maximum Capacity (No of tubes x Vol.)	4x250 ml
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed RPM	5000
Speed Accuracy	± 10 rpm
Maximum RCF	5200xg
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	700x550x420 mm
Program	12 user-defined (more up to 40 available if needed)
Noise Level	≤ 60 dB(A)

Weight (Net/Gross)	90 kg
Power	1500 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	Capacity
LS52204	Swing-out Bucket Rotor	2x3 96 well microplates or 2x2 cell culture plates or 2x1 deep well plates	4000	1970xg	
LS52451	Swing-out Bucket Rotor	Blood collection tube	4000	3100xg	64x2-7 ml
LS52980	Swing-out Rotor	4x250 ml	5000	5200xg	
LS53568	Swing-out Rotor – Adapter	4x50 ml	5000	5200xg	
LS53580	Swing-out Rotor – Adapter	Round Bottom	5000	5200xg	8x50 ml
LS53592	Swing-out Rotor – Adapter	4x100ml	5000	5200xg	
LS53604	Swing-out Rotor – Adapter	36x10 ml	5000	5200xg	
LS53616	Swing-out Rotor – Adapter	20x15 ml	5000	5200xg	
LS53628	Swing-out Rotor – Adapter	Blood collection tube	5000	5200xg	28x8/10 ml
LS53640	Swing-out Rotor – Adapter	Blood collection tube	5000	5200xg	40x2-7 ml
LS53939	Swing-out Rotor	4x100 ml	5000	4650xg	
LS53951	Swing-out Rotor	4x50 ml	5000	4650xg	
LS53963	Swing-out Rotor	8x50 ml	4000	2980xg	
LS53975	Swing-out Rotor	8x100 ml	4000	2980xg	
LS53987	Swing-out Rotor – Adapter	24x10 ml	4000	2980xg	
LS53999	Swing-out Rotor	can spin 2-10 ml blood collection tube by use adapters	4000	2980xg	24x15 ml
LS54011	Swing-out Rotor – Adapter	32x10 ml	4000	2980xg	
LS54023	Swing-out Rotor	can spin 2-10 ml blood collection tube by use adapters	4000	2980xg	32x15 ml
LS54396	Swing-out Rotor – Adapter	can spin 2-10 ml blood collection tube by using adapters	5000	5200xg	32x15 ml
LS54431	Swing-out Bucket Rotor	Blood collection tube	4000	3100xg	28x2-7 ml
LS54695	Swing-out Bucket Rotor	Blood collection tube	4000	3100xg	36x8/10 ml
LS54707	Swing-out Bucket Rotor	Blood collection tube	4000	3100xg	48x2-7 ml

Centrifugen

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