

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.)	12x15 ml , 4 x 50 ml conical
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed	5500 rpm with 4x50 ml swing-out rotor ,5500 rpm with 12x15 ml
Speed Accuracy	± 10 rpm
Maximum RCF	4300xg rpm with 12x15 ml , 3910Xg with 4x50 ml swing-out rotor
Time Range	Count up or down
Acceleration Rate	40
Deceleration Rate	40
Refrigeration System	CFC-Free
Control System	Microprocessor
Display	Touchscreen interface
Programmability	via easy access touchscreen menu
Drive System	Direct, induction motor drive

Overall Dimension	16.9x19.7x12.4 in / 43x50x31.5 mm
Program Storage	1000 user-defined
Noise Level	≤ 56 dB(A)
Weight (Net/Gross)	42 kg
Max. Power Consumption	450 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-127V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Rotor Capacity	Max Speed (rpm)	Max RCF(g)
2201913005	No. 1 Swing-out Rotor	4x50 ml conical	5000 rpm	3910g
2201913006	adapters		5000 rpm	3910g
2201913007	adapters		5000 rpm	3910g
2201913008	adapters		5000 rpm	3910g
2201913009	adapters		5000 rpm	3910g
2201913010	adapters		5000 rpm	3910g
2201913011	adapters		5000 rpm	3910g
2201913012	adapters		5000 rpm	3910g
2201913013	adapters		5000 rpm	3910g
2201913014	No. 2 Swing-out Rotor Rotor Cross		4500 rpm	3050g
2201913015	Tube Racks	16x10 ml blood collection/urine tube	4500 rpm	3050g
2201913016	Tube Racks	16x1.6-7 ml blood collection/urine tube	4500 rpm	3050g
2201913017	Tube Racks	16x10 ml virus sampling tube	4500 rpm	3050g
2201913018	No. 3 Fixed-Angle Rotor	12x15 ml	5500 rpm	4300g
2201913019	adapters		5500 rpm	4300g
2201913020	adapters		5500 rpm	4300g
2201913021	adapters		5500 rpm	4300g
2201913022	adapters		5500 rpm	4300g
2201913023	adapters		5500 rpm	4300g
2201913024	adapters		5500 rpm	4300g

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