

# **TABLETOP CENTRIFUGE CEN15-05**



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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, Benchtop Centrifuge, Non Refrigerated High Speed Centrifuge, Laboratory Tabletop Centrifuge.

## CEN15-05 TABLETOP CENTRIFUGE

Brushless DC motor

LCD display

Inner chamber material: Stainless Steel

Electronic door interlock

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

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

Stable operation

## SPECIFICATIONS

Model	CEN15-05
Maximum Capacity (No of tubes x Vol.)	4x500 ml
Maximum Speed	5000 rpm
Speed Accuracy	± 10 rpm
Maximum RCF	5200xg
Time Range	1~9999 min 59 s, Pulse, Continuous
Acceleration Rate	19
Deceleration Rate	19
Drive System	Direct, induction motor drive (brushless)
Overall Dimension	17.7x22x16.3 in /45x56x41.5 mm
Program	12 user-defined
Noise Level	≤ 60 dB(A)
Weight (Net/Gross)	50 kg
Max. Power Consumption	600 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-127V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Max Speed (rpm)	Max RCF(g)	Rotor Capacity
18409504005	Rotor Cross	5000 rpm	4650Xg	
18409504006	Tube Racks	5000 rpm	4650Xg	4x50 ml

18409504007	Tube Racks	5000 rpm	4650Xg	4x100 ml
18409504008	Rotor Cross	4000 rpm	4650Xg	
18409504009	Tube Racks	4000 rpm	2980Xg	8x50 ml
18409504010	Tube Racks	4000 rpm	2980Xg	8x1000 ml
18409504011	Tube Racks	4000 rpm	2980Xg	24x10 ml
18409504012	Tube Racks	4000 rpm	2980Xg	24x15 ml
18409504013	adapters	4000 rpm	2980Xg	
18409504014	adapters	4000 rpm	2980Xg	
18409504015	adapters	4000 rpm	2980Xg	
18409504016	adapters	4000 rpm	2980Xg	
18409504017	adapters	4000 rpm	2980Xg	
18409504018	adapters	4000 rpm	2980Xg	
18409504019	Tube Racks	4000 rpm	2980Xg	32x10 ml
18409504020	Tube Racks	4000 rpm	2980Xg	32x15 ml
18409504021	adapters	4000 rpm	2980Xg	
18409504022	adapters	4000 rpm	2980Xg	
18409504023	adapters	4000 rpm	2980Xg	
18409504024	adapters	4000 rpm	2980Xg	
18409504025	adapters	4000 rpm	2980Xg	
18409504026	adapters	4000 rpm	2980Xg	
18409504027	No. 2-2 Swing-Bucket Rotor	4000 rpm	2980Xg	4x175/225 ml Falcon conical bottle
18409504028	No. 2-3 Swing-Bucket Rotor	4000 rpm	3100Xg	36x4 -10 ml blod collection / urine tube Falcon conical bottle
18409504029	No. 2-4 Swing-Bucket Rotor	4000 rpm	3100Xg	48x1.6 -7 ml blood collection / urine tube
18409504030	No. 2-5 Swing-Bucket Rotor	4000 rpm	3100Xg	64x1.6 -7 ml blood collection / urine tube
18409504031	Rotor Cross (with a wind shield)	5000 rpm	5200Xg	
18409504032	250ml Round Buckets	5000 rpm	5200Xg	4x250 ml
18409504033	adapters	5000 rpm	5200Xg	4x100 ml
18409504034	adapters	5000 rpm	5200Xg	4x50 ml
18409504035	adapters	5000 rpm	5200Xg	8x50 ml conical
18409504036	adapters	5000 rpm	5200Xg	8x50 ml round bottom
18409504037	adapters	5000 rpm	5200Xg	8x30 ml
18409504038	adapters	5000 rpm	5200Xg	20x15 ml
18409504039	adapters	5000 rpm	5200Xg	36x10 ml
18409504040	adapters	5000 rpm	5200Xg	20x5 ml conical
18409504041	adapters	5000 rpm	5200Xg	32x1.5/2.0 ml
18409504042	adapters	5000 rpm	5200Xg	32x2.0 ml
18409504043	adapters	5000 rpm	5200Xg	40x0.5 ml
18409504044	adapters	5000 rpm	5200Xg	20x10 ml virus sampling tube
18409504045	adapters	5000 rpm	5200Xg	28x4 -10 ml blood collection / urine tube
18409504046	adapters	5000 rpm	5200Xg	40x1.6 -7 ml blood collection / urine tube
18409504047	Tube Racks	5000 rpm	5200Xg	32x15 ml
18409504048	No. 4 Swing-Bucket Rotor	4000 rpm	1970Xg	2x3 pcs microplates (96 wells)or 2x3 pcs microtiter plates or 2 x 2 pcs cell culture plates or 2 x 1 pc deep well plates
18409504049	Rotor Cross	4000 rpm	3400Xg	
18409504050	500ml Round Buckets	4000 rpm	3400Xg	4x500 ml
18409504051	Aerosol-tight lids for 500ml Round Buckets	4000 rpm	3400Xg	

18409504052	adapters	4000 rpm	3400Xg	4x250 ml
18409504053	adapters	4000 rpm	3400Xg	4x100 ml
18409504054	adapters	4000 rpm	3400Xg	12x50 ml conical
18409504055	adapters	4000 rpm	3400Xg	12x50 ml round bottom
18409504056	adapters	4000 rpm	3400Xg	12x30 ml
18409504057	adapters	4000 rpm	3400Xg	36x15 ml
18409504058	adapters	4000 rpm	3400Xg	56x10 ml
18409504059	adapters	4000 rpm	3400Xg	36x5 ml conical
18409504060	adapters	4000 rpm	3400Xg	60x1.5/2.0 ml
18409504061	adapters	4000 rpm	3400Xg	60x2.0 ml
18409504062	adapters	4000 rpm	3400Xg	72x0.5 ml
18409504063	adapters	4000 rpm	3400Xg	36x10 ml virus sampling tube
18409504064	adapters	4000 rpm	3400Xg	56x4 -10 ml blood collection / urine tube
18409504065	adapters	4000 rpm	3400Xg	72x1.6 -7 ml blood collection / urine tube
18409504066	adapters	4000 rpm	3400Xg	4x175/225 ml Falcon conical bottle
18409504067	Rectangular Buckets	4000 rpm	3400Xg	
18409504068	adapters	4000 rpm	3400Xg	20x50 ml conical
18409504069	adapters	4000 rpm	3400Xg	20x50 ml round bottom
18409504070	adapters	4000 rpm	3400Xg	20x30 ml
18409504071	adapters	4000 rpm	3400Xg	40x15 ml
18409504072	adapters	4000 rpm	3400Xg	40x5 ml conical
18409504073	adapters	4000 rpm	3400Xg	100x1.5/2.0 ml
18409504074	adapters	4000 rpm	3400Xg	100x2.0 ml
18409504075	adapters	4000 rpm	3400Xg	48x10 ml virus sampling tube
18409504076	adapters	4000 rpm	3400Xg	80x4 -10 ml blood collection / urine tube
18409504077	adapters	4000 rpm	3400Xg	112x1.6 -7 ml blood collection / urine tube
18409504078	Round Buckets	4000 rpm	3400Xg	148x5 ml Radio-immunity tube
18409504079	Round Buckets	4000 rpm	3400Xg	96x1.6 -7 ml blood collection / urine tube
18409504080	Plate Buckets	4000 rpm	3400Xg	4x3 pcs microplates (96 wells) or 4x2 pcs microtiter plates or 4x2 pcs cell culture plates or 4x1 pc deep well plates
18409504081	No. 5-2 Swing-Bucket Rotor	4000 rpm	3400Xg	4x250 ml Corning conical bottle or 4x200 ml Nunc bottle



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