

# FLOOR TYPE CENTRIFUGE CEN21-04



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These high quality floor type refrigerated and non-refrigerated centrifuges meet the requirements of your critical research needs such as High speed or high capacity. These centrifuges have advance features such as Auto-decapping of blood collection tubes, Electronic door interlock, Automatic rotor identification, Imbalance protection, Over speed, Over temperature protection, Self-diagnostic of error etc. and the various suitable rotors are available.

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.

## CEN21-04 FLOOR TYPE CENTRIFUGE

LCD display

The inner chamber is made up of stainless steel

Brushless DC motor

Electronic door interlock

Imbalance protection

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

Faults are diagnosed automatically

## SPECIFICATIONS

Model	CEN21-04
Maximum Capacity (No of tubes x Vol.)	4x1000 ml
Maximum Speed	4000 rpm
Speed Accuracy	± 10 rpm
Maximum RCF	3580xg
Time Range	1~99 h 59 min, pulse
Acceleration Rate	40
Deceleration Rate	40
Safety Device	Imbalance protection, overspeed protection, overcurrent protection, lid interlock system, lid open/close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guard ring, steel lid, etc.
Drive System	Direct, induction motor drive (Inverter Control)
Program	12 user-defined, more available if needed
Noise Level	≤ 60 dB(A)
Overall Dimension	23.6 x 27.6 x 35.4 in / 60 x 70 x 90 mm
Weight (Net/Gross)	150 kg
Max. Power Consumption	1100 W
Power Supply	AC 200-240 V, 50/60 Hz or AC 100-127 V, 50/60 Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Rotor Capacity	Max Speed (rpm)	Max RCF(g)
2201323005	No. 1 Swing-Bucket Rotor	4x1000 ml	3600 rpm	3280g
2201323006	adapters	4x500 ml	3600 rpm	3280g
2201323007	adapters	4x250 ml	3600 rpm	3280g
2201323008	adapters	12x100 ml	3600 rpm	3280g
2201323009	adapters	20x50 ml conical	3600 rpm	3280g
2201323010	adapters	20x50 ml round bottom	3600 rpm	3280g
2201323011	adapters	20x30 ml	3600 rpm	3280g
2201323012	adapters	56x15 ml	3600 rpm	3280g
2201323013	adapters	72x10 ml	3600 rpm	3280g
2201323014	adapters	56x5 ml conical	3600 rpm	3280g
2201323015	adapters	96x1.5/2.0 ml	3600 rpm	3280g
2201323016	adapters	88x2.0 ml	3600 rpm	3280g
2201323017	adapters	96x0.5 ml	3600 rpm	3280g
2201323018	adapters	4x175/225 ml Falcon conical bottle	3600 rpm	3280g
2201323019	No. 2 Swing-Bucket Rotor	6x500 ml	3600 rpm	3030g
2201323020	adapters	6x250 ml	3600 rpm	3030g
2201323021	adapters	6x100 ml	3600 rpm	3030g
2201323022	adapters	18x50 ml conical	3600 rpm	3030g
2201323023	adapters	18x50 ml round bottom	3600 rpm	3030g
2201323024	adapters	18x30 ml	3600 rpm	3030g
2201323025	adapters	54x15 ml	3600 rpm	3030g
2201323026	adapters	80x10 ml	3600 rpm	3030g
2201323027	adapters	54x5 ml conical	3600 rpm	3030g
2201323028	adapters	90x1.5/2.0 ml	3600 rpm	3030g
2201323029	adapters	90x2.0 ml	3600 rpm	3030g
2201323030	adapters	108x0.5 ml	3600 rpm	3030g
2201323031	adapters	4x175/225 ml Falcon conical bottle	3600 rpm	3030g
2201323032	No. 3-1 Swing-Bucket Rotor Rotor Cross		4000 rpm	3400g
2201323033	500 ml Round Buckets	4x500 ml	4000 rpm	3400g
2201323034	Aerosol-tight lids for 500ml Round Buckets		4000 rpm	3400g
2201323035	adapters	4x250 ml	4000 rpm	3400g
2201323036	adapters	4x100 ml	4000 rpm	3400g
2201323037	adapters	16x50 ml conical	4000 rpm	3400g
2201323038	adapters	16x50 ml round bottom	4000 rpm	3400g
2201323039	adapters	16x30 ml	4000 rpm	3400g
2201323040	adapters	36x15 ml	4000 rpm	3400g
2201323041	adapters	56x10 ml	4000 rpm	3400g
2201323042	adapters	36x5 ml conical	4000 rpm	3400g
2201323043	adapters	80x1.5/2.0 ml	4000 rpm	3400g
2201323044	adapters	60x2.0 ml	4000 rpm	3400g
2201323045	adapters	80x0.5 ml	4000 rpm	3400g
2201323046	adapters	4x175/225 ml Falcon conical bottle	4000 rpm	3400g
2201323047	Rectangular Buckets		4000 rpm	3400g

2201323048	adapters	20x50 ml conical	4000 rpm	3400g
2201323049	adapters	20x50 ml round bottom	4000 rpm	3400g
2201323050	adapters	20x30 ml	4000 rpm	3400g
2201323051	adapters	40x15 ml conical	4000 rpm	3400g
2201323052	adapters	40x5 ml conical	4000 rpm	3400g
2201323053	adapters	100x1.5/2.0 ml	4000 rpm	3400g
2201323054	adapters	100x2.0 ml	4000 rpm	3400g
2201323055	Plate Buckets	4x2 pcs microplates (96 wells) or 4x2 pcs microtiter plates or 4x2 pcs cell culture plates or 4x1 pc deep well plates	4000 rpm	3400g
2201323056	No. 3-2 Swing-Bucket Rotor	4x250 ml Corning conical bottle or 4x200 ml Nunc bottle	4000 rpm	3400g
2201323057	No. 4 Swing-Bucket Rotor	6x250 ml	4000 rpm	3580g
2201323058	adapters	6x100 ml	4000 rpm	3580g
2201323059	adapters	6x50 ml	4000 rpm	3580g
2201323060	adapters	12x50 ml conical	4000 rpm	3580g
2201323061	adapters	12x50 ml round bottom	4000 rpm	3580g
2201323062	adapters	12x30 ml	4000 rpm	3580g
2201323063	adapters	30x15 ml	4000 rpm	3580g
2201323064	adapters	54x10 ml	4000 rpm	3580g
2201323065	adapters	30x5 ml conical	4000 rpm	3580g
2201323066	adapters	48x1.5/2.0 ml	4000 rpm	3580g
2201323067	adapters	48x2.0 ml	4000 rpm	3580g
2201323068	adapters	60x0.5 ml	4000 rpm	3580g



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