

TABLETOP REFRIGERATED CENTRIFUGE CEN1A-170R



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CEN1A-170R

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.

CEN1A-170R TABLETOP REFRIGERATED CENTRIFUGE

Full color touch screen interface with microprocessor control system. Store 1000 programs in centrifuge memory which are retained even after powering down the centrifuge. Speed and the centrifugal force can be step adjusted (10 RPM/10xg). High quality CFC-free compressor and maximum speed of 17000 rpm.



SPECIFICATIONS

Model	CEN1A-170R
Maximum Capacity (No of tubes x Vol.)	4x100 ml / 8x50 ml , 4x250 ml
Maximum Speed	18 500 rpm with 12 x 1.5/2.0 ml , 4 500 rpm with 4 x 250 ml rotor
Speed Accuracy	±10rpm
Maximum RCF	3720xg with 4 x 250 ml rotor , 29990Xg with 24x1.5/2.0 ml
Temp. Control Range	-20~40°C
Temperature Accuracy	±1°C
Time Range	Count up or down
Acceleration	40
Deceleration	40
Refrigeration System	CFC-Free
Control System	Microprocessor
Display	Full color touch screen interface
Rotor Identification	Auto-ID Instant,immediately upon rotor insertion
Drive System	Direct,induction motor drive (Inverter Control)
Programmability	Via easy access touch screen menu
Program Storage	1000 user-defined
Noise Level	≤56 dB (A)

Weight	80 kg
Overall Dimension	25.2x22x15.4 in / 64x56x39 mm
Max. Power Consumption	1200 KW
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)
2201919005	No. 1 Fixed-Angle Rotor	12x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	18500 rpm	23915Xg
2201919006	No. 2 Fixed-Angle Rotor	12x5 ml	15000 rpm	18270Xg
2201919007	No. 3-1 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	15000 rpm	21970Xg
2201919008	No. 3-2 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)(rotor with Aerosol-tight lid)	17600 rpm	29990Xg
2201919009	No. 4-1 Fixed-Angle Rotor	12x10 ml	14000 rpm	18120Xg
2201919010	No. 4-2 Fixed-Angle Rotor	36x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	13000 rpm	16340Xg
2201919011	No. 5-1 Fixed-Angle Rotor	6x50 ml (conical)	12000 rpm	15970Xg
2201919012	adapters		12000 rpm	15970Xg
2201919013	adapters		12000 rpm	15970Xg
2201919014	adapters		12000 rpm	15970Xg
2201919015	adapters		12000 rpm	15970Xg
2201919016	adapters		12000 rpm	15970Xg
2201919017	adapters		12000 rpm	15970Xg
2201919018	adapters		12000 rpm	15970Xg
2201919019	adapters		12000 rpm	15970Xg
2201919020	adapters		12000 rpm	15970Xg
2201919021	adapters		12000 rpm	15970Xg
2201919022	No. 5-2 Fixed-Angle Rotor	48x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	12000 rpm	15780Xg
2201919023	No. 5-3 Fixed-Angle Rotor	6x50 ml (round bottom)	12000 rpm	15970Xg
2201919024	adapters		12000 rpm	15970Xg
2201919025	adapters		12000 rpm	15970Xg
2201919026	adapters		12000 rpm	15970Xg
2201919027	adapters		12000 rpm	15970Xg
2201919028	adapters		12000 rpm	15970Xg
2201919029	adapters		12000 rpm	15970Xg
2201919030	adapters		12000 rpm	15970Xg
2201919031	adapters		12000 rpm	15970Xg
2201919032	adapters		12000 rpm	15970Xg
2201919033	No. 6-1 Fixed-Angle Rotor	4x100 ml	11000 rpm	13350Xg
2201919034	adapters		11000 rpm	13350Xg
2201919035	adapters		11000 rpm	13350Xg
2201919036	adapters		11000 rpm	13350Xg
2201919037	adapters		11000 rpm	13350Xg
2201919038	adapters		11000 rpm	13350Xg
2201919039	adapters		11000 rpm	13350Xg
2201919040	adapters		11000 rpm	13350Xg
2201919041	adapters		11000 rpm	13350Xg
2201919042	adapters		11000 rpm	13350Xg
2201919043	adapters		11000 rpm	13350Xg

2201919044	adapters		11000 rpm	13350Xg
2201919045	adapters		11000 rpm	13350Xg
2201919046	No. 6-2 Fixed-Angle Rotor	8x50 ml	11000 rpm	14030Xg
2201919047	adapters		11000 rpm	14030Xg
2201919048	adapters		11000 rpm	14030Xg
2201919049	adapters		11000 rpm	14030Xg
2201919050	adapters		11000 rpm	14030Xg
2201919051	adapters		11000 rpm	14030Xg
2201919052	adapters		11000 rpm	14030Xg
2201919053	adapters		11000 rpm	14030Xg
2201919054	adapters		11000 rpm	14030Xg
2201919055	adapters		11000 rpm	14030Xg
2201919056	adapters		11000 rpm	14030Xg
2201919057	No. 6-3 Fixed-Angle Rotor	12x15 ml	12000 rpm	15890Xg
2201919058	adapters		12000 rpm	15890Xg
2201919059	adapters		12000 rpm	15890Xg
2201919060	adapters		12000 rpm	15890Xg
2201919061	adapters		12000 rpm	15890Xg
2201919062	adapters		12000 rpm	15890Xg
2201919063	adapters		12000 rpm	15890Xg
2201919064	No. 6-4 Fixed-Angle Rotor	8x50 ml (round bottom)	11000 rpm	13350Xg
2201919065	adapters		11000 rpm	13350Xg
2201919066	adapters		11000 rpm	13350Xg
2201919067	adapters		11000 rpm	13350Xg
2201919068	adapters		11000 rpm	13350Xg
2201919069	adapters		11000 rpm	13350Xg
2201919070	adapters		11000 rpm	13350Xg
2201919071	adapters		11000 rpm	13350Xg
2201919072	adapters		11000 rpm	13350Xg
2201919073	adapters		11000 rpm	13350Xg
2201919074	No. 6-5 Fixed-Angle Rotor	24x10 ml	11000 rpm	13350Xg
2201919075	No. 7 Fixed-Angle Rotor	6x10 ml	16000 rpm	18980Xg
2201919076	No. 8-1 Fixed-Angle Rotor	8x15 ml	13000 rpm	14930Xg
2201919077	adapters		13000 rpm	14930Xg
2201919078	adapters		13000 rpm	14930Xg
2201919079	adapters		13000 rpm	14930Xg
2201919080	adapters		13000 rpm	14930Xg
2201919081	adapters		13000 rpm	14930Xg
2201919082	adapters		13000 rpm	14930Xg
2201919083	No. 8-2 Fixed-Angle Rotor	6x30 ml	13000 rpm	15910Xg
2201919084	adapters		13000 rpm	15910Xg
2201919085	adapters		13000 rpm	15910Xg
2201919086	adapters		13000 rpm	15910Xg
2201919087	No. 9 Swing-Bucket Rotor	2x3 pcs microplates (96 wells) or 2x3 pcs microtiter plates or 2x2 pcs cell culture plates or 2x1 pc deep well plates	4000 rpm	1970Xg
2201919088	Rotor Cross		4500 rpm	3720Xg
2201919089	250 ml Round Buckets	4x250 ml	4500 rpm	3720Xg

2201919090	adapters	4x100 ml	4500 rpm	3720Xg
2201919091	adapters	4x50 ml	4500 rpm	3720Xg
2201919092	adapters	8x50 ml (conical)	4500 rpm	3720Xg
2201919093	adapters	8x50 ml (round bottom)	4500 rpm	3720Xg
2201919094	adapters	8x30 ml	4500 rpm	3720Xg
2201919095	adapters	20x15 ml	4500 rpm	3720Xg
2201919096	adapters	36x10 ml	4500 rpm	3720Xg
2201919097	adapters	20x5 ml (conical)	4500 rpm	3720Xg
2201919098	adapters	32x1.5/2.0 ml	4500 rpm	3720Xg
2201919099	adapters	32x2.0 ml	4500 rpm	3720Xg
2201919100	adapters	40x0.5 ml	4500 rpm	3720Xg
2201919101	adapters	20x10 ml virus sampling tube	4500 rpm	3720Xg
2201919102	adapters	28x4-10 ml blood collection / urine tube	4500 rpm	3720Xg
2201919103	adapters	40x1.6-7 ml blood collection / urine tube	4500 rpm	3720Xg
2201919104	Conical Buckets	4x175/225 ml Falcon conical bottle	4500 rpm	3720Xg
2201919105	Buckets	36x4-10 ml blood collection /urine tube	4000 rpm	3100Xg
2201919106	Buckets	48x1.6-7 ml blood collection / urine tube	4000 rpm	3100Xg
2201919107	Buckets	64x1.6-7 ml blood collection / urine tube	4000 rpm	3100Xg



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