

# FLOOR TYPE REFRIGERATED CENTRIFUGE CEN23-40R



# FLOOR TYPE REFRIGERATED CENTRIFUGE

## CEN23-40R

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, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge, Laboratory Tabletop Centrifuge.

## CEN23-40R FLOOR TYPE REFRIGERATED CENTRIFUGE

Microcomputer controlled and CFC-free refrigerant system. Can store 12 user-defined programs. Maximum speed of 22000 RPM.



### SPECIFICATIONS

Model	CEN23-40R
Maximum Capacity (No of tubes x Vol.)	4x1000 ml , 4x750 ml
Maximum Speed	22000 rpm with 16x10 ml , 13000 rpm with 4x30 ml rotor
Speed Accuracy	± 10rpm
Maximum RCF	52050Xg with 16x10 ml , 23800Xg with 4x30 ml rotor
Temp. Control Range	-20~40°C
Temperature Accuracy	± 1°C
Time Range	1 min-99 h:59 min,Pulse
Acceleration	40
Deceleration	40
Refrigeration System	CFC-Free
Control System	Microprocessor
Rotor Identification	Auto-ID Instant, immediately upon rotor insertion
Drive System	Direct, induction motor drive (Inverter Control)
Program Storage	1000 user-defined

Safety Device	Rotor identification system with overspeed protection, imbalance protection, overcurrent protection, lid interlock system, lid open / close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guarding, steel lid, etc.
Noise Level	≤65 dB (A)
Weight	260 kg
Overall Dimension	28.7x33.5x36.6 in / 73x85x93 mm
Max. Power Consumption	5000 KW
Power Supply	AC 200-240V,50Hz or AC 200-240V,60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Rotar Capacity	Max Speed (rpm)	Max RCF(g)
2201926005	No. 1 Fixed-Angle Rotor	16x10 ml	22000 rpm	50685g
2201926006	No. 2 Fixed-Angle Rotor	24x1.5/2.0 ml(with adapters for 0.2/0.5ml tube)	21000 rpm	43960g
2201926007	No. 3 Fixed-Angle Rotor	8x50 ml (round)	20000 rpm	47480g
2201926008	adapters		20000 rpm	47480g
2201926009	adapters		20000 rpm	47480g
2201926010	adapters		20000 rpm	47480g
2201926011	adapters		20000 rpm	47480g
2201926012	adapters		20000 rpm	47480g
2201926013	adapters		20000 rpm	47480g
2201926014	adapters		20000 rpm	47480g
2201926015	adapters		20000 rpm	47480g
2201926016	adapters		20000 rpm	47480g
2201926017	adapters		20000 rpm	47480g
2201926018	No. 4 Fixed-Angle Rotor	6x100 ml	16000 rpm	30910g
2201926019	adapters		16000 rpm	30910g
2201926020	adapters		16000 rpm	30910g
2201926021	adapters		16000 rpm	30910g
2201926022	adapters		16000 rpm	30910g
2201926023	adapters		16000 rpm	30910g
2201926024	adapters		16000 rpm	30910g
2201926025	adapters		16000 rpm	30910g
2201926026	adapters		16000 rpm	30910g
2201926027	adapters		16000 rpm	30910g
2201926028	adapters		16000 rpm	30910g
2201926029	adapters		16000 rpm	30910g
2201926030	adapters		16000 rpm	30910g
2201926031	No. 5 Fixed-Angle Rotor	8x100 ml	12000 rpm	19830g
2201926032	adapters		12000 rpm	19830g
2201926033	adapters		12000 rpm	19830g
2201926034	adapters		12000 rpm	19830g
2201926035	adapters		12000 rpm	19830g
2201926036	adapters		12000 rpm	19830g
2201926037	adapters		12000 rpm	19830g
2201926038	adapters		12000 rpm	19830g
2201926039	adapters		12000 rpm	19830g

2201926040	adapters		12000 rpm	19830g
2201926041	adapters		12000 rpm	19830g
2201926042	adapters		12000 rpm	19830g
2201926043	adapters		12000 rpm	19830g
2201926044	No. 6 Fixed-Angle Rotor	4x250 ml	14000 rpm	28150g
2201926045	adapters		14000 rpm	28150g
2201926046	adapters		14000 rpm	28150g
2201926047	adapters		14000 rpm	28150g
2201926048	adapters		14000 rpm	28150g
2201926049	adapters		14000 rpm	28150g
2201926050	adapters		14000 rpm	28150g
2201926051	adapters		14000 rpm	28150g
2201926052	adapters		14000 rpm	28150g
2201926053	adapters		14000 rpm	28150g
2201926054	adapters		14000 rpm	28150g
2201926055	adapters		14000 rpm	28150g
2201926056	adapters		14000 rpm	28150g
2201926057	adapters		14000 rpm	28150g
2201926058	No. 7 Fixed-Angle Rotor	6x250 ml	12000 rpm	24110g
2201926059	adapters		12000 rpm	24110g
2201926060	adapters		12000 rpm	24110g
2201926061	adapters		12000 rpm	24110g
2201926062	adapters		12000 rpm	24110g
2201926063	adapters		12000 rpm	24110g
2201926064	adapters		12000 rpm	24110g
2201926065	adapters		12000 rpm	24110g
2201926066	adapters		12000 rpm	24110g
2201926067	adapters		12000 rpm	24110g
2201926068	adapters		12000 rpm	24110g
2201926069	adapters		12000 rpm	24110g
2201926070	adapters		12000 rpm	24110g
2201926071	adapters		12000 rpm	24110g
2201926072	No. 8 Fixed-Angle Rotor	6x500 ml	10000 rpm	18590g
2201926073	adapters		10000 rpm	18590g
2201926074	adapters		10000 rpm	18590g
2201926075	adapters		10000 rpm	18590g
2201926076	adapters		10000 rpm	18590g
2201926077	adapters		10000 rpm	18590g
2201926078	adapters		10000 rpm	18590g
2201926079	adapters		10000 rpm	18590g
2201926080	adapters		10000 rpm	18590g
2201926081	adapters		10000 rpm	18590g
2201926082	adapters		10000 rpm	18590g
2201926083	adapters		10000 rpm	18590g
2201926084	adapters		10000 rpm	18590g
2201926085	adapters		10000 rpm	18590g
2201926086	adapters		10000 rpm	18590g
2201926087	adapters		10000 rpm	18590g

2201926088	adapters		10000 rpm	18590g
2201926089	adapters		10000 rpm	18590g
2201926090	No. 9 Fixed-Angle Rotor	4x1000 ml	8000 rpm	12040g
2201926091	adapters		8000 rpm	12040g
2201926092	adapters		8000 rpm	12040g
2201926093	adapters		8000 rpm	12040g
2201926094	adapters		8000 rpm	12040g
2201926095	adapters		8000 rpm	12040g
2201926096	adapters		8000 rpm	12040g
2201926097	adapters		8000 rpm	12040g
2201926098	adapters		8000 rpm	12040g
2201926099	adapters		8000 rpm	12040g
2201926100	adapters		8000 rpm	12040g
2201926101	adapters		8000 rpm	12040g
2201926102	adapters		8000 rpm	12040g
2201926103	adapters		8000 rpm	12040g
2201926104	adapters		8000 rpm	12040g
2201926105	adapters		8000 rpm	12040g
2201926106	adapters		8000 rpm	12040g
2201926107	adapters		8000 rpm	12040g
2201926108	adapters		8000 rpm	12040g
2201926109	No. 10 Swing-Bucket Rotor	4x50 ml	10000 rpm	16200g
2201926110	adapters		10000 rpm	16200g
2201926111	adapters		10000 rpm	16200g
2201926112	adapters		10000 rpm	16200g
2201926113	adapters		10000 rpm	16200g
2201926114	adapters		10000 rpm	16200g
2201926115	adapters		10000 rpm	16200g
2201926116	adapters		10000 rpm	16200g
2201926117	adapters		10000 rpm	16200g
2201926118	adapters		10000 rpm	16200g
2201926119	No. 11 Swing-Bucket Rotor	4x30 ml	13000 rpm	23800g
2201926120	adapters		13000 rpm	23800g
2201926121	adapters		13000 rpm	23800g
2201926122	adapters		13000 rpm	23800g
2201926123	No. 12 Swing-Bucket Rotor	4x4x5 ml	12000 rpm	11900g
2201926124	No. 13-1 Swing-Bucket Rotor	4x750 ml	5000 rpm	5600g
2201926125	adapters	4x500 ml	5000 rpm	5600g
2201926126	adapters	4x250 ml	5000 rpm	5600g
2201926127	adapters	4x175/225 ml Falcon conical bottle	5000 rpm	5600g
2201926128	adapters	12x100 ml	5000 rpm	5600g
2201926129	adapters	20x50 ml (conical)	5000 rpm	5600g
2201926130	adapters	20x50 ml (round bottom)	5000 rpm	5600g
2201926131	adapters	20x30 ml	5000 rpm	5600g
2201926132	adapters	20x25 ml (conical)	5000 rpm	5600g
2201926133	adapters	56x15 ml	5000 rpm	5600g
2201926134	adapters	72x10 ml	5000 rpm	5600g

2201926135	adapters	56x5 ml (conical)	5000 rpm	5600g
2201926136	adapters	88x1.5/2.0 ml	5000 rpm	5600g
2201926137	adapters	88x2.0 ml	5000 rpm	5600g
2201926138	adapters	96x0.5 ml	5000 rpm	5600g
2201926139	adapters	72x4-10 ml blood collection / urine tube	5000 rpm	5600g
2201926140	adapters	96x1.6-7 ml blood collection / urine tube	5000 rpm	5600g
2201926141	adapters	148x5 ml Radio-immunity tube	5000 rpm	5600g
2201926142	adapters	4x30/50 ml Falcon Cell Culture Flasks or 4x30/50 ml Corning Cell Culture Flasks	5000 rpm	5600g
2201926143	adapters	4x40 ml Nunc Cell Culture Flasks	5000 rpm	5600g
2201926144	adapters	4x160 ml Nunc Cell Culture Flasks	5000 rpm	5600g
2201926145	adapters	4x200 ml Falcon Cell Culture Flasks or 4x200 ml Greiner Cell Culture Flasks or 4x200 ml Nunc Cell Culture Flasks	5000 rpm	5600g
2201926146	No. 13-2 Swing-Bucket Rotor	4x500 ml Corning conical bottle	5000 rpm	5600g

**LABSTAC**

**Labstac LLC**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [contact@mail.labstac.com](mailto:contact@mail.labstac.com) | Website: [labstac.com](http://labstac.com)