

BLOOD BANK REFRIGERATED CENTRIFUGE CEN37-0700R



BLOOD BANK REFRIGERATED CENTRIFUGE

CEN37-0700R

These laboratory multi purpose Medical Centrifuges are ideal solution for high-end research experiment such as PRP/PPP, cell washing, HCT, blood type test etc. in the biology, radio-immunity, medical and other research fields. These versatile centrifuges have precise temperature control with highly efficient double loop control design which allows fast heating and cooling.

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.

CEN37-0700R BLOOD BANK REFRIGERATED CENTRIFUGE

Brushless DC motor

Servomotor was adopt for lid open & lid lock, emergency lid release.

LED display

Microprocessor controller

Inner chamber material: Stainless Steel

Electronic door interlock

Imbalance detection system

Memory of 10 programs

10 levels of acceleration and 10 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



SPECIFICATIONS

Model	CEN37-0700R
Maximum Capacity (No of tubes x Vol.)	6x2000 ml bottles or 12 blood bags , 6 x 1 000 ml
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed	8 000 rpm with 6 x 500 ml , 4500 rpm
Speed Accuracy	± 20 rpm
Maximum RCF	14 500 Xg with 6 x 1 000 ml , 7095xg
Time Range	1~99 h : 59 min : 59 s
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Flex-spin drive system
Drive Motor	High-performance induction motor (Inverter Control)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu
Program Storage	1000 user-defined

Safety Device	Imbalance protection,over speed protection,over current protection,lid interlock system,lid open/close detection, steel housing, corrosion-resistant stainless steel centrifuge chamber, additional inner steel armored guardring,steel lid,etc.
Overall Dimension	34.6 x 37.8 x 37.4 in / 88 x 96 x 95 mm
Noise Level	≤ 65 dB(A)
Weight (Net/Gross)	560 kg
Power	7500 KW
Power Supply	AC 200-240 V, 50 Hz, AC 200-240 V, 60 Hz, AC 380V, 50Hz, AC 380V, 60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Rotor Capacity	Max Speed (rpm)	Max RCF(g)
2200613005	No. 1 Swing-Bucket Rotor	6x2000 ml	4000 rpm	7095g
2200613006	No. 2 Fixed-Angle Rotor	6x1000 ml	8000 rpm	14500g
2200613007	adapters		8000 rpm	14500g
2200613008	adapters		8000 rpm	14500g
2200613009	adapters		8000 rpm	14500g
2200613010	adapters		8000 rpm	14500g
2200613011	adapters		8000 rpm	14500g
2200613012	adapters		8000 rpm	14500g
2200613013	adapters		8000 rpm	14500g
2200613014	adapters		8000 rpm	14500g
2200613015	adapters		8000 rpm	14500g
2200613016	adapters		8000 rpm	14500g
2200613017	adapters		8000 rpm	14500g
2200613018	adapters		8000 rpm	14500g
2200613019	adapters		8000 rpm	14500g
2200613020	adapters		8000 rpm	14500g
2200613021	adapters		8000 rpm	14500g
2200613022	adapters		8000 rpm	14500g
2200613023	adapters		8000 rpm	14500g
2200613024	adapters		8000 rpm	14500g
2200613025	No. 3 Fixed-Angle Rotor	6x500 ml	8000 rpm	11860g
2200613026	adapters		8000 rpm	11860g
2200613027	adapters		8000 rpm	11860g
2200613028	adapters		8000 rpm	11860g
2200613029	adapters		8000 rpm	11860g
2200613030	adapters		8000 rpm	11860g
2200613031	adapters		8000 rpm	11860g
2200613032	adapters		8000 rpm	11860g
2200613033	adapters		8000 rpm	11860g
2200613034	adapters		8000 rpm	11860g
2200613035	adapters		8000 rpm	11860g
2200613036	adapters		8000 rpm	11860g
2200613037	adapters		8000 rpm	11860g
2200613038	adapters		8000 rpm	11860g
2200613039	adapters		8000 rpm	11860g
2200613040	adapters		8000 rpm	11860g

2200613041	adapters		8000 rpm	11860g
2200613042	adapters		8000 rpm	11860g
2200613043	No. 4 Swing-Bucket Rotor	384x1.6-7 ml blood collection / urine tube	4000 rpm	4710g

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