

# FLOOR TYPE REFRIGERATED CENTRIFUGE CEN23-16R



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## CEN23-16R

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.

## CEN23-16R FLOOR TYPE REFRIGERATED CENTRIFUGE

- LCD display
- Brushless DC motor
- Microprocessor controller
- Inner chamber material: Stainless Steel
- Electronic door interlock
- Automatic rotor identification and Imbalance protection
- Operating parameters can be modified during the operation
- Memory of 12 programs
- 40 levels of acceleration and 40 levels of deceleration
- Faults are diagnosed automatically
- Over speed, Over temperature protection
- CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)
- Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling
- Low noise and very small vibration
- RCF can be set up directly, without RPM to RCF translation
- 3-layer steel jacket ensures the safety of the user and machine



### SPECIFICATIONS

Model	CEN23-16R
Maximum Capacity (No of tubes x Vol.)	6x500 ml
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed RPM	16000
Speed Accuracy	± 10 rpm
Maximum RCF	27520xg
Timer Range	1~99 h 59 min, pulse
Temperature Increment	1°C
Acceleration Rate	40
Deceleration Rate	40

Drive System	Direct, high-performance induction motor drive
Rotor Locking System	Auto-Lock
Rotor Identification	Auto-ID Instant, Automatic
Overall Dimension	730x850x930 mm
Program	12 user-defined
Noise Level	≤ 65 dB(A)
Weight (Net/Gross)	260 kg
Power	4500 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF <sub>xg</sub>	Capacity
LS52023	Fixed-Angle Rotor	8x50 ml	14000	23270xg	
LS52036	Rotor	D12x75 glass tube			6x15ml
LS52049	Rotor	Conical tube with screw cap			8x15 ml
LS52062	Rotor	Conical tube with screw cap			12x5 ml
LS52075	Fixed-Angle Rotor	PP cone base with cover	15000	20375xg	24x1.5/2.2 ml
LS52088	Capillary Hematocrit Rotor	1.5 diameter	12000	15300xg	24 Capillary tubes
LS52101	Fixed-Angle Rotor	PP round bottom with cover	13500	12920xg	10x5 ml
LS52114	Fixed-Angle Rotor	PP cone base with cover	13000	16200xg	4x8x0.2 ml PCR tube
LS52127	Fixed-Angle Rotor	PP cone base with cover	13500	13250xg	36x0.5 ml
LS52140	Rotor	Rotor , 0.2ml X 8			8x2 ml
LS52153	Strip Rotor	Tube strip x 2 rows			8x0.2 ml
LS52166	Adapter	8pcs			0.5 ml
LS52529	Fixed-Angle Rotor	24x1.5/2.0 ml	16000	25520xg	
LS52582	Fixed-Angle Rotor	6x250 ml	10000	16750xg	
LS52686	Fixed-Angle Rotor	6x500 ml	8000	11860xg	
LS52750	Capillary Hematocrit Rotor	24 Capillary tubes			
LS53448	Fixed-Angle Rotor	16x10 ml	16000	27500xg	
LS54528	Fixed-Angle Rotor	6x50 ml	16000	27520xg	
LS54912	Fixed-Angle Rotor		14000	23600xg	6x100 ml
LS55116	Swing-out Rotor		4000	3500xg	4x750 ml
LS55128	Adapter	8pcs			0.2 ml



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